

SEP 10 1922

Engineering
Library

SUPPLEMENT
TO
JOURNAL
OF THE
AMERICAN WATER WORKS
ASSOCIATION

VOL. 9

SEPTEMBER, 1922

NO. 5

CONSTITUTION
LIST OF PAST PRESIDENTS
LIST OF OFFICERS 1922-1923
LIST OF SECTIONS
LIST OF COMMITTEES 1922-1923
LIST OF MEMBERS

IMPORTANT

Kindly notify the secretary promptly of any change in address

J. M. DIVEN, Secretary
133 W. 71st St., New York, N. Y.

Made in United States of America

EXHIBIT

1774

THE

1774

1774

1774

1774

1774

1774

1774

1774

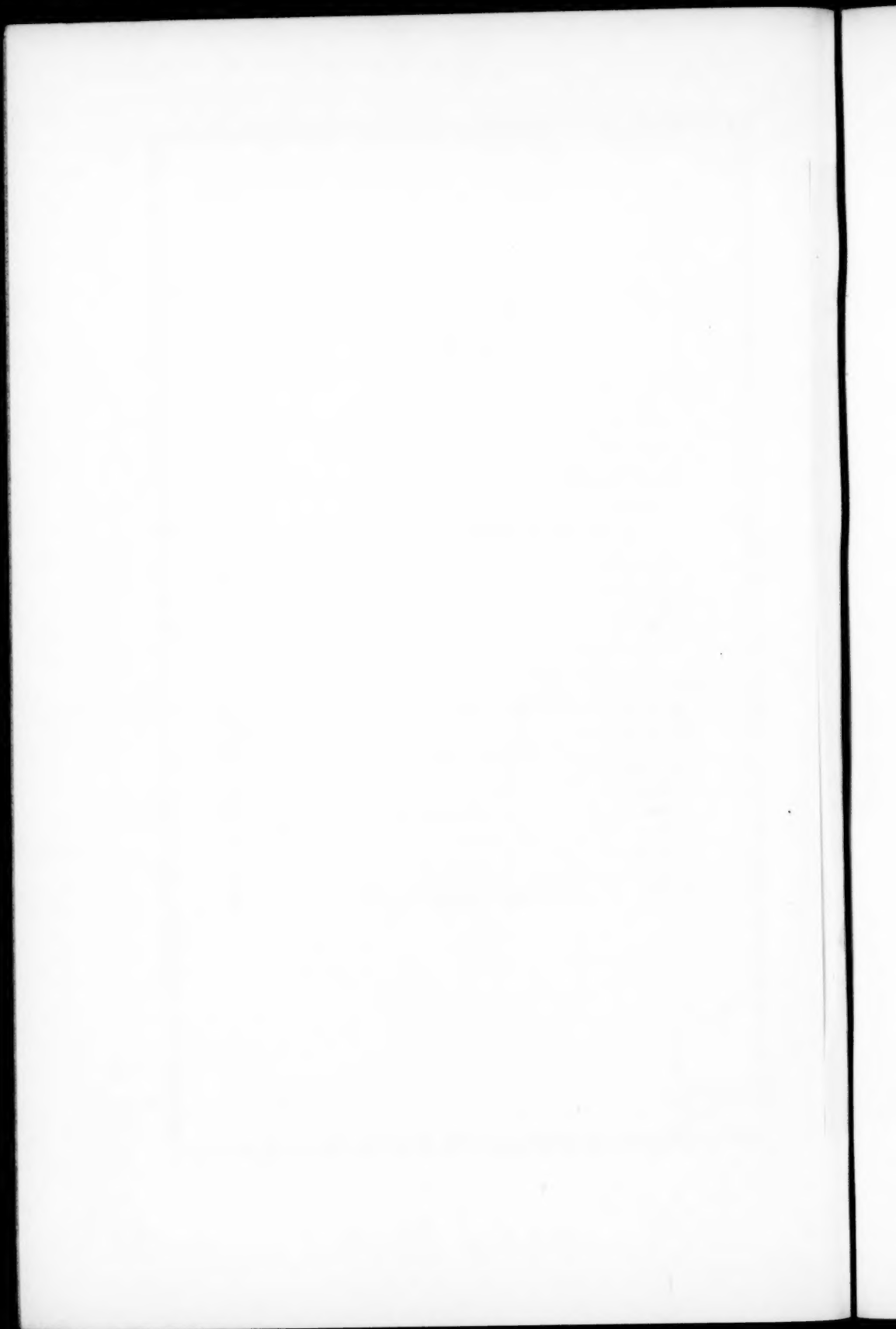
1774

1774

1774

CONTENTS

Constitution:	
Name.....	1
Object.....	1
Membership.....	1
Admission and Expulsion.....	2
Fees and Dues.....	3
Officers.....	4
Nomination and election of.....	4
Duties of.....	7
Committees.....	9
Meetings.....	11
Sections.....	11
General.....	13
Amendments.....	13
List of Past Presidents.....	14
List of Conventions.....	15
List of Officers 1922-1923.....	16
List of Sections.....	16
List of Committees 1922-1923.....	17
List of Members:	
Honorary.....	24
Active.....	24
Corporate.....	67
Associate.....	71
Geographical.....	76
Summary of Membership by States.....	90



CONSTITUTION OF THE AMERICAN WATER WORKS ASSOCIATION

Adopted June 12, 1913
Amended May 12, 1914
Amended May 12, 1915
Amended May 17, 1918
Amended June 9, 1921

ARTICLE I

NAME

The name of this Association, a corporation organized under the laws of the State of Illinois, shall be "The American Water Works Association."

ARTICLE II

OBJECT

The object of this Association shall be the advancement of knowledge of the design, construction, operation and management of water works, and the encouragement, by social intercourse among its members, of a friendly exchange of information and experience.

ARTICLE III

MEMBERSHIP

SECTION 1. Members of this Association may be either Honorary Members, Active Members, Corporate Members, or Associate Members.

SECTION 2. An Honorary Member shall be one whose scientific or practical knowledge in matters related to public water supply, or whose accomplishments in that field of endeavor, shall entitle him to especial recognition by the Association. Honorary Members shall have the same privileges as Active Members, but shall not be required to make any payments for the support of the Association.

SECTION 3. An Active Member shall be either a Superintendent, Manager or other officer of a municipal or private water works; a civil, mechanical, hydraulic or sanitary engineer, a chemist or bacteriologist, including those acting technically as such for, and employed by, Associate Members of the Association; or any qualified person engaged in the advancement of knowledge relating to water supplies in general.

SECTION 4. A Corporate Member shall be either a Water Board or Commission, or a Water Company, and shall be entitled to one representative who shall have all the rights and privileges of an Active Member.

SECTION 5. An Associate Member shall be either a person, firm or corporation, engaged in manufacturing or furnishing materials or supplies for the construction or maintenance of water works. An Associate Membership shall entitle the holder to be represented by one person on the floor at each meeting but such representative shall not be entitled to vote or take part in any discussion unless permission is given by unanimous consent of the members present; provided, however, that Associate Members may vote on selection of the place of meeting as provided in Article 9, Section 1, each Associate Membership being entitled to one vote only.

SECTION 6. When an Active Member so changes his vocation that were he to apply for membership he would be classed as an Associate Member, he may continue as an Active Member with all the privileges of that grade, except that he shall not be eligible to any elective office in the Association.

ARTICLE IV

ADMISSION AND EXPULSION

SECTION 1. The Executive Committee may, at its discretion, at the request of any member, present the name of any person qualified for Honorary Membership, to the Association for election to that grade of membership; but the Executive Committee must, upon the written request of twenty-five members, so present the name of any such person to the Association.

SECTION 2. Any person, firm, corporation or water department desiring to become an Active, Corporate or Associate Member must make application for the grade of membership sought, upon the blank form provided by the Association. Each application

must be endorsed by two members of the Association, shall embody a concise statement of the applicant's qualifications for membership and be accompanied by the initiation fees and dues as hereinafter provided. All applications must be forwarded to the Secretary, who shall submit them to the Membership Committee, as soon as possible.

A majority affirmative vote of the Membership Committee shall elect to Active, Corporate or Associate Membership subject to review by the Executive Committee.

SECTION 3. No member whose dues are in arrears shall receive the publications of the Association until such dues are paid. Members in arrears for one year shall be dropped from the roll by the Secretary.

SECTION 4. Any member who has been suspended for non-payment of dues may be reinstated by the Membership Committee upon payment of all back dues. He shall then be entitled to receive such back numbers of the publications of the Association as may have been withheld from him on account of non-payment of dues, and are not out of print.

SECTION 5. Any member of any grade may be expelled from the Association for cause, upon the recommendation of the Membership Committee, adopted by a two-thirds vote of the members present and voting at any annual convention.

SECTION 6. Any member may retire from membership by giving written notice to that effect to the Secretary, provided that he pay all dues to that date, unless released from said payment by the Executive Committee.

ARTICLE V

FEES AND DUES

SECTION 1. Each Active Member shall pay an initiation fee of Five Dollars, and annual dues of Seven Dollars, provided that any Active Member in good standing who has paid dues continuously for thirty years shall be exempt from payment of further dues.

SECTION 2. Each Corporate Member shall pay an initiation fee of Ten Dollars, and annual dues of Ten Dollars.

SECTION 3. Each Associate Member shall pay an initiation fee of Ten Dollars, and annual dues of Fifteen Dollars.

SECTION 4. The fiscal year of the Association shall begin April 1st and terminate on March 31st. Annual dues shall be payable

in advance and shall be due on April 1st, the first day of the fiscal year covered by said dues. It shall be the duty of the Secretary to notify each member on or before March 15th of the amount due from said member for the ensuing year.

SECTION 5. Any newly elected member shall be entitled to all the publications of the Association that are distributed to its members during the year. Members elected later than December 1st shall not be required to pay the annual dues for the current year, but if they do pay said annual dues they shall receive all the publications to which members in good standing are entitled for that year.

SECTION 6. In case any application for membership shall be rejected the initiation fee and dues which accompanied the application shall be returned to the applicant.

ARTICLE VI

OFFICERS

SECTION 1. The officers of the Association shall be a President, Vice-President, Treasurer, Secretary and Editor of the Association's publications. The offices of the Secretary and Editor may be combined at the discretion of the Executive Committee.

SECTION 2. There shall be an Executive Committee in which the government of the Association shall be vested. It shall consist of the President, Vice-President, Treasurer, Secretary, Editor, the Chairman of the Finance Committee, the latest two living past Presidents and six Trustees elected to represent the six districts hereinafter established, one Trustee to be elected from each district to serve three years. The President and Secretary of the Association shall be the President and Secretary of the Executive Committee. In 1919 one Trustee shall be elected from District 1, and one from District 4, to succeed the present Trustees whose terms expire in 1919; in 1920 one Trustee shall be elected from District 2, and one from District 5, to succeed the present Trustees whose terms expire in 1920; in 1921 one Trustee shall be elected from District 3, and one from District 6, to succeed the present Trustees whose terms expire in 1921; and every year thereafter two Trustees shall be elected in the districts in which the terms of the incumbents expire.

SECTION 3. The following districts are established for the purpose of territorial representation:

District 1 shall include the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, Michigan, Wisconsin and the Dominion of Canada.

District 2 shall include the State of New York.

District 3 shall include the States of New Jersey, Pennsylvania and Delaware.

District 4 shall include the States of Ohio, Indiana and Illinois.

District 5 shall include the District of Columbia and the States of Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Missouri, Tennessee, Kentucky, Arkansas, Louisiana, Kansas, Oklahoma and Texas.

District 6 shall include all other States and Territories of the Union, and all territory outside of the United States not otherwise provided for.

The boundary lines of these districts may be changed by majority vote of the Association at any time when it becomes necessary so to do in order to preserve approximately the same number of voting members in each district. Should any Trustee be thrown into another district by changes made in the boundary lines or by change of residence, he shall serve out his term of office and be accredited as the representative either of his old district or of the district in which he resides, as the Executive Committee may determine.

SECTION 4. As the last order of business of the second session of the first day of the annual conventions the members from each District shall elect a member of the Nominating Committee to represent their respective Districts. Due notice of such election shall be prominently given in the program of the convention, which shall be mailed to the members at least three weeks previous to the opening day of the convention. The votes of the Districts shall be by ballot or acclaim and a majority vote of the members of each District present and voting shall elect the member of the Nominating Committee to represent that District. The members of the Nominating Committee so elected, together with the latest living past-president present at the convention, who shall be Chairman, shall constitute the Nominating Committee to place in nomination candidates for the offices to be filled for the following year.

The Nominating Committee shall hold a meeting at 8.30 a.m. on the second day of the convention; previous to which time suggestions of names to fill the various offices may be made by the members of the Association to the members of the Nominating Com-

mittee, or by leaving same with the Secretary of the Association prior to the meeting of the Committee; names sent to the Secretary by mail at any time prior to the meeting of the committee shall also be presented to the Committee for consideration; Nominations shall be by majority vote of the Nominating Committee, who must place in nomination one, and may place two, candidates for each office to be filled.

On or before January 10 the Nominating Committee shall report its list of nominees to the Secretary of the Association, who shall before the first day of February cause to be mailed to the membership the list of nominees selected by the Nominating Committee. At any time prior to noon on the first day of March of each year additional nominations may be made by request to the Secretary, signed by at least twenty-five Active, Honorary or Corporate members, and upon the receipt of such request the Secretary shall, after acceptance of the nomination by the candidate, add such additional nominees to the final ballot to be prepared by him. The nominees of the Nominating Committee shall head such final ballot for each office, and any additional nominees for the respective offices shall be placed under the nominees of the Committee in alphabetical order.

SECTION 5. When more than one is nominated for any of the offices to be filled, either by the nominating committee or by request, the election shall be by letter ballot. When a letter ballot is required, at least two months before the date of the annual convention a ticket shall be mailed to each member of the association entitled to vote. Each member shall be entitled to vote for one candidate for President, one candidate for Vice President, one candidate for Treasurer and two candidates for Trustees. The ballot shall be sealed separately in a special ballot envelope. This ballot envelope shall be enclosed in a larger envelope and forwarded to the Secretary. The signature of the member voting shall appear on the outer envelope.

When a letter ballot is necessary the Secretary with two canvassers appointed by the President shall meet at a time and place directed by the President, and shall open and count all ballots cast by persons entitled to vote. No ballot shall be counted if received later than noon of the seventh day previous to the beginning to the annual convention. When only one candidate is placed in nomination for each office to be filled the report of the nominating committee shall be considered as an election.

The result of the canvass for President, Vice-President, Treasurer, and Trustees shall be declared by the President at the Annual Meeting on certification of the canvassing board. The members who shall have received the highest number of votes cast for the several offices shall be declared elected. If there be a tie vote the President shall order a vote to be taken in the annual convention to decide which person of those who shall have received the same number of ballots shall be chosen.

The terms of the officers so elected shall be as follows: For the President, Vice-President, and Treasurer, each one year beginning with the close of the last day of the annual convention and ending the last day of the next annual convention, or until their successor shall have been chosen; for the Trustees, three years beginning with the close of the last day of the annual convention, or until their successors shall have been chosen.

SECTION 6. Before the close of each annual convention, the Executive Committee elected to serve during the year ensuing shall organize and elect a Secretary and an Editor, to serve until the close of the next annual convention, or until their successors are chosen.

SECTION 7. In case of inability of the President to perform the duties of his office, his position shall be temporarily filled by the Vice-President, and in case of inability of the Vice-President, his position shall be filled by one of the Trustees; the order of precedence being governed by priority in date of election as Trustee, or if the dates of election be the same, by priority in date of the admission of such Trustees to membership in the Association.

SECTION 8. All vacancies in office, except as provided in Section 7 hereof, shall be filled by vote of the Executive Committee for the unexpired term of said office as soon as practicable after said vacancy occurs.

SECTION 9. The President, Vice-President and Trustees shall be ineligible to election to the same office for consecutive terms.

ARTICLE VII

DUTIES OF OFFICERS

SECTION 1. The President shall have general supervision of the affairs of the Association, and shall preside at all meetings of the Association and of the Executive Committee at which he may be present.

SECTION 2. The Executive Committee shall be the legal representative of the Association and as such shall have full control of the management of the affairs of the Association, subject to the control of the Association in regular convention; it shall make the necessary arrangements for the convention and shall have power to expend the funds of the Association or to invest the same, but must not incur indebtedness beyond the funds in the hands of the Treasurer and Secretary. The Executive Committee shall have power to prepare and enforce, for the conduct of the business of the Association, by-laws not in conflict with this Constitution. It shall hold an annual meeting at least one hour before the opening session of each annual convention. Other meetings shall be held at the call of the President or of any three members of the Executive Committee.

All questions in the Executive Committee shall be decided by a majority vote and seven members shall constitute a quorum. The Executive Committee may vote by letter upon questions submitted by the President and Secretary.

SECTION 3. The Treasurer shall have charge of the funds of the Association, shall pay bills against the Association on order of the Finance Committee certified by the Secretary and shall make a report of the expenditures and of the funds of the Association at the annual convention.

SECTION 4. The Secretary shall be an Active Member of the Association. It shall be his duty to attend all conventions and meetings of the Association and of the Executive Committee; prepare the business and duly record the proceedings thereof. He shall see that all moneys due the Association are carefully collected, and shall promptly pay the same to the Treasurer. He shall personally certify the accuracy of all bills or vouchers to the Finance Committee.

He shall, at the annual convention, make a report of the receipts and of the condition and affairs of the Association.

He shall conduct the correspondence of the Association and keep a full record of the same.

SECTION 5. The Editor shall have charge of the printing and distribution to all the members, of the Proceedings and Transactions of the Association and shall perform such other duties as are assigned to him by the Executive Committee.

The publications of the Association shall be copyrighted so far as is practicable and proper.

ARTICLE VIII

COMMITTEES

SECTION 1. There shall be four standing Committees, the Finance Committee, the Membership Committee, the Publication Committee and the Convention Committee. The members of each shall be appointed by the incoming Executive Committee. They shall serve for one year beginning with the close of the last day of the Annual Meeting or until their successors shall have been appointed. Special Committees may be appointed at any time by the President.

SECTION 2. The Finance Committee, which shall consist of three active members, shall audit and approve all bills before they shall be paid by the Treasurer. It shall examine the books of the Secretary and of the Treasurer annually or more often, and shall audit the same and report upon the same to the Executive Committee. This Committee shall also have general supervision of the finances of the Association, making such reports thereon to the Executive Committee as the exigencies of the case may require or as directed by the Executive Committee or by the Association at its annual convention.

SECTION 3. The Membership Committee, which shall consist of three members, shall examine the qualifications of and vote upon all applicants for membership nominated in due form, and report its action to the Secretary.

SECTION 4. The Publication Committee, which shall consist of five members, one of whom shall be the Editor, shall have control of the publications of the Association and shall see that all publications and papers are edited before publication, and, whenever possible, before presentation.

The committee may call to its aid members of the Association or others who have had special experience in the subject treated, to advise in regard to any paper, or to discuss the same, and may return any paper to its author for correction or amendment.

No papers containing matter either readily found elsewhere, especially advocating personal interests, carelessly prepared, purely speculative, or foreign to the purpose of the Association shall be accepted. The Committee shall prepare rules which, when approved by the Executive Committee, shall govern the preparation, presentation and publication of all papers and such other matters of similar nature as the best interests of the Association may require.

SECTION 5. The Convention Committee, which shall consist of three members, one of whom shall be the Secretary, shall investigate all invitations to hold conventions of the Association, satisfying itself that the places extending the invitations have proper facilities for the accommodation of the members and guests, for holding the meetings of the Association with its National Sections, and for Exhibits by Associate Members. This Committee shall invite the Convention Committee of the Water Works Manufacturers' Association to cooperate with it. The Committee shall prepare and send to all cities extending invitations to hold conventions a form containing such questions as may be necessary to properly inform the Committee as to the convention facilities offered. The information shall include a diagram of the rooms offered for meeting rooms, Committee and Section rooms and exhibition space, also a list of available hotels with guaranteed rates and the number that each will accommodate; points of interest to water works people, and entertainment if any, offered.

During each Annual Convention the Committee shall hold a meeting, at which advocates of various places extending invitations shall be heard, and at the time designated by the Executive Committee for the selection of the place for holding the next Annual Convention the Committee shall make a report to the convention, stating in alphabetical order the invitations received and fully and impartially set forth the advantages and facilities offered by each. Should no invitations be received it shall be the duty of the Committee to ascertain what arrangements can be made for holding a convention, and to report to the Executive Committee before the convention convenes.

The Committee, or one or more members of the Committee, may, as soon as practicable after the place for holding convention has been selected, visit such place and ascertain whether the guarantees can be fully carried out, and whether it is a suitable place for holding a convention of the Association; also, if the place is approved, to make the necessary arrangements for holding the convention. If after such visit, it is the judgment of the Committee that the place is not suitable, or does not offer proper facilities, or for any other reason it would not be for the best interests of the Association to hold its convention there, the Committee shall immediately report its findings to the Executive Committee, with its recommendations as to the meeting place for the next annual convention. The expenses of the

Committee or members of the Committee, in making such visits, to be borne by the Association, on the basis of an allowance of four cents per mile travel.

ARTICLE IX

MEETINGS

SECTION 1. The Annual Convention of the Association shall open on such Tuesday as the Executive Committee may designate, at nine o'clock, a.m., and at such place as shall have been designated by the Association at the previous convention, the selection to be by ballot. The place receiving a majority of all votes cast shall be selected as the place of meeting. All members shall be entitled to vote.

SECTION 2. The Executive Committee shall have power to change the place of meeting as in its judgment the interests of the Association may demand.

SECTION 3. The date of the Annual Convention shall be fixed by the Executive Committee not less than seventy days in advance of the meeting, and such date shall be printed on all ballots for the nomination or election of officers.

ARTICLE X

SECTIONS

SECTION 1. Local Sections may be established by the Executive Committee on receipt of a written request to that effect signed by twenty Active or Corporate Members of the Association, residing in the territory within which the Local Section is desired.

SECTION 2. National Sections consisting of Engineers, Superintendents, Chemists and Bacteriologists, Accountants or other classes of persons included in the membership of the Association, may be established by the Executive Committee on the request of thirty members. Any member of the Association may register in any National Section of the Association in which he is interested.

SECTION 3. Such Sections, which shall consist only of members of this Association in good standing, shall elect their own officers and committees, subject to confirmation by the Secretary of the Association as to their standing in the Association; and may make any rules

for their government not inconsistent with the Constitution and By laws of the Association, but these rules must first be approved by the Executive Committee.

SECTION 4. Each Local Section as soon as established, and after its rules have been approved by the Executive Committee, may with the approval of the Finance Committee, annually receive from the Treasurer of the Association, for local use, not more than twenty-five per cent of the annual dues paid to the Association by the members of the said Local Section; except that in no case shall the total of all moneys received by any Local Section for any one fiscal year exceed the sum of One Hundred and Fifty Dollars; and except that Local Sections with small memberships, where the allotted twenty-five per cent of the annual dues paid to the Association by the members of the said Local Section does not amount to Fifty Dollars, such Local Sections shall be entitled to receive from the Treasurer of the Association, for local use, not more than Fifty Dollars in any one fiscal year.

The Treasurer of each Local Section shall forward to the Secretary of the Association his application endorsed by the presiding officer of the Section for such portions of the said sums above specified as may be needed; and upon receipt of such application the Secretary shall request the Finance Committee to authorize the Treasurer of the Association to pay such sums to the Treasurer of the Local Section. These moneys may be used by the Local Section only in payment of necessary operating expenses incurred by the Section, such as printing, stationery, postage, rent and care of meeting room, light, fuel, stenographer, and stereopticon operator services at meetings, etc.

At the end of each fiscal year the Treasurer of each Local Section shall submit a certified copy of his accounts to the Secretary of the Association, the same being itemized and showing the balance on hand of the funds received from the Association. This balance shall be returned to the Secretary of the Association, or shall be charged to the Local Section as a portion of its quota for the following year.

SECTION 5. The presiding officer of each section shall be an Honorary Vice-President of the Association.

SECTION 6. Any section may be dissolved by the Executive Committee for good and sufficient reasons.

ARTICLE XI

GENERAL

SECTION 1. Any member may, with the concurrence of the presiding officer, admit friends to the meetings of the Association, but such persons shall not take part in the discussions without the consent of the convention; and the privilege of the floor can only be granted to a non-member by unanimous consent.

SECTION 2. The Secretary shall send notice to all members of the Association at least fifteen days before the annual convention, giving the titles of papers to be read and mentioning any special business to be considered at said convention.

ARTICLE XII

AMENDMENTS

SECTION 1. All proposed amendments to the Constitution shall be submitted in writing to the Executive Committee which at its discretion may bring them before the next Annual Convention of the Association, but the Executive Committee must do so on the request in writing of five members of the Association.

SECTION 2. To pass an amendment to the Constitution, an affirmative vote of two-thirds of the members present and voting at said convention shall be required.

PAST PRESIDENTS

*COL. J. T. FOSTER, Chicago, Ill.....	1881-1882
*COL. J. T. FOSTER, Chicago, Ill.....	1882-1883
*J. G. BRIGGS, Terre Haute, Ind.....	1883-1884
*L. H. GARDNER, New Orleans, La.....	1884-1885
*PETER MILNE, Brooklyn, N. Y.....	1885-1886
†B. F. JONES, Kansas City, Mo.....	1886-1887
*J. T. FANNING, Minneapolis, Minn.....	1887-1888
†A. N. DENMAN, Des Moines, Ia.....	1888-1889
*J. H. DECKER, Salina, Kans.....	1889-1890
†WILLIAM B. BULL, Quincy, Ill.....	1890-1891
J. M. DIVEN, Elmira, N. Y.....	1891-1892
G. H. BENZENBERG, Milwaukee, Wis.....	1892-1893
JAMES P. DONAHUE, Davenport, Ia.....	1893-1894
*WILLIAM RYLE, Paterson, N. J.....	1894-1895
*W. G. RICHARDS, Atlanta, Ga.....	1895-1896
*F. A. W. DAVIS, Indianapolis, Ind.....	1896-1897
JOHN CAULFIELD, St. Paul, Minn.....	1897-1898
*JOSEPH A. BOND, Wilmington, Del.....	1898-1899
R. M. CLAYTON, Atlanta, Ga.....	1899-1900
†C. E. BOLLING, Richmond, Va.....	1900-1901
*WILLIAM R. HILL, New York, N. Y.....	1901-1902
*C. H. CAMPBELL, Charlotte, N. C.....	1902-1903
†L. N. CASE, Duluth, Minn.....	1903-1904
MORRIS R. SHERRERD, Newark, N. J.....	1904-1905
†BENJAMIN C. ADKINS, St. Louis, Mo.....	1905-1906
DABNEY H. MAURY, Peoria, Ill.....	1906-1907
GEORGE H. FELIX, Reading, Pa.....	1907-1908
D. W. FRENCH, Weehawken, N. J.....	1908-1909
DR. WILLIAM P. MASON, Troy, N. Y.....	1909-1910
JOHN W. ALVORD, Chicago, Ill.....	1910-1911
ALEXANDER MILNE, St. Catharines, Ont.....	1911-1912
DOW R. GWINN, Terre Haute, Ind.....	1912-1913
ROBERT J. THOMAS, Lowell, Mass.....	1913-1914
GEORGE G. EARL, New Orleans, La.....	1914-1915
NICHOLAS S. HILL, JR., New York, N. Y.....	1915-1916
LEONARD METCALF, Boston, Mass.....	1916-1917
THEODORE A. LEISEN, Detroit, Mich.....	1917-1918
CHARLES R. HENDERSON, Davenport, Ia.....	1918-1919
CARLETON E. DAVIS, Philadelphia, Pa.....	1919-1920
BEEKMAN C. LITTLE, Rochester, N. Y.....	1920-1921
EDWARD BARTOW, Iowa City, Ia.....	1921-1922

* Deceased.

† Not now a member of the Association.

CONVENTIONS

<i>Place</i>	<i>Date</i>	<i>President</i>
1 St. Louis, Mo.....	March 29, 1881	J. T. Foster
2 Columbus, Ohio.....	March 14-16, 1882	J. T. Foster
3 Buffalo, N. Y.....	May 15-17, 1883	J. T. Foster
4 Cincinnati, Ohio.....	April 15-17, 1884	J. G. Briggs
5 Boston, Mass.....	April 21-23, 1885	L. H. Gardner
6 Denver, Colo.....	June 23-25, 1886	Peter Milne, Jr.
7 Minneapolis, Minn.....	July 13-15, 1887	B. F. Jones
8 Cleveland, Ohio.....	April 17-19, 1888	J. T. Fanning
9 Louisville, Ky.....	April 16-18, 1889	A. N. Denman
10 Chicago, Ill.....	May 20-24, 1890	J. H. Decker
11 Philadelphia, Pa.....	May 14-17, 1891	Wm. B. Bull
12 New York, N. Y.....	May 17-19, 1892	J. M. Diven
13 Milwaukee, Wis.....	September 5-9, 1893	G. H. Benzenberg
14 Minneapolis, Minn.....	August 21-23, 1894	James P. Donahue
15 Atlanta, Ga.....	May 28-30, 1895	William Ryle
16 Indianapolis, Ind.....	May 26-28, 1896	W. G. Richards
17 Denver, Colo.....	June 8-10, 1897	F. A. W. Davis
18 Buffalo, N. Y.....	June 14-18, 1898	John Caulfield
19 Columbus, Ohio.....	May 16-19, 1899	Joseph A. Bond
20 Richmond, Va.....	May 15-18, 1900	R. M. Clayton
21 New York, N. Y.....	June 17-22, 1901	Charles E. Bolling
22 Chicago, Ill.....	June 10-13, 1902	Wm. R. Hill
23 Detroit, Mich.....	June 23-26, 1903	Chas. H. Campbell
24 St. Louis, Mo.....	June 6-11, 1904	L. N. Case
25 West Baden, Ind.....	May 9-12, 1905	Morris R. Sherrerd
26 Boston, Mass.....	June 26-30, 1906	Benjamin C. Adkins
27 Toronto, Ont.....	June 17-21, 1907	Dabney H. Maury
28 Washington, D. C.....	May 11-16, 1908	George H. Felix
29 Milwaukee, Wis.....	June 7-12, 1909	D. W. French
30 New Orleans, La.....	April 25-29, 1910	Wm. P. Mason
31 Rochester, N. Y.....	June 5-10, 1911	John W. Alvord
32 Louisville, Ky.....	June 3-7, 1912	Alexander Milne
33 Minneapolis, Minn.....	June 23-27, 1913	Dow R. Gwinn
34 Philadelphia, Pa.....	May 11-15, 1914	Robert J. Thomas
35 Cincinnati, Ohio.....	May 10-14, 1915	George G. Earl
36 New York, N. Y.....	June 5-9, 1916	Nicholas S. Hill, Jr.
37 Richmond, Va.....	May 7-11, 1917	Leonard Metcalf
38 St. Louis, Mo.....	May 13-17, 1918	Theodore A. Leisen
39 Buffalo, N. Y.....	June 9-13, 1919	Charles R. Henderson
40 Montreal, Que.....	June 21-25, 1920	Carleton E. Davis
41 Cleveland, Ohio.....	June 6-10, 1921	Beekman C. Little
42 Philadelphia, Pa.....	May 15-19, 1922	Edward Bartow

LIST OF OFFICERS 1922-1923

President

W. S. CRAMER, Chief Engineer Water Works Co., Lexington, Ky.

Vice-President

GEORGE W. FULLER, Cons. Engr., New York, N. Y.

Treasurer

WILLIAM W. BRUSH, Deputy Chief Engineer, Department of Water Supply,
Gas and Electricity, 2455 Municipal Building, New York, N. Y.

Secretary

J. M. DIVEN, 153 West 71st St., New York, N. Y.

Editor

ABEL WOLMAN, 16 West Saratoga St., Baltimore, Md.

Trustees

Term Expiring 1923

HARRY F. HUY, General Manager Western New York Water Co., 704 Electric
Building, Buffalo, N. Y.

ROBERT J. HARDING, Vice-President Water Co., San Antonio, Tex.

Term Expiring 1924

GEORGE C. GENSHEIMER, Secretary Commissioners of Water Works, Erie, Pa.

J. CHRIS JENSEN, Municipal Water Works, Council Bluffs, Ia.

Term Expiring 1925

GEORGE W. BATCHELDER, Water Commissioner, Worcester, Mass.

JOSEPH W. ELLMS, Cons. Engr., Cleveland, O.

Executive Committee

W. S. CRAMER, *President*

GEORGE W. FULLER
GEORGE C. ANDREWS
WILLIAM W. BRUSH
ABEL WOLMAN
BEEKMAN C. LITTLE
EDWARD BARTOW

HARRY F. HUY
ROBERT J. HARDING
GEORGE C. GENSHEIMER
J. CHRIS JENSEN
GEORGE W. BATCHELDER
JOSEPH W. ELLMS

J. M. DIVEN, *Secretary*

HONORARY VICE-PRESIDENT

G. A. ELLIOTT, Chairman California Section

R. L. DOBBIN, Chairman Canadian Section

C. A. FINLEY, Chairman Central States Section

CARLETON E. DAVIS, President 4 States Section

HENRY RINGNESS, Chairman Illinois Section

J. C. JENSEN, Chairman Iowa Section

J. W. KELSEY, Chairman Minnesota Section

EDWARD S. COLE, President New York Section

J. L. LUDLOW, Chairman North Carolina Section

D. W. MEAD, Chairman Wisconsin Section

H. E. JORDAN, Chairman Chem. and Bact. Section

LIST OF COMMITTEES

PUBLICATION COMMITTEE

ROBERT B. MORSE, Chairman, Hyattsville, Md.
MALCOLM PIRNIE, 30 E. 42d St., New York, N. Y.
G. H. FENKELL, Board of Water Commrs., Detroit, Mich.
HARRY E. JORDAN, 113 Monument Circle, Indianapolis, Ind.
ABEL WOLMAN, Editor, 16 West Saratoga St., Baltimore, Md.

FINANCE COMMITTEE

GEORGE C. ANDREWS, Chairman, Water Commissioner, Buffalo, N. Y.
J. WALTER ACKERMAN, City Manager, Watertown, N. Y.
EMIL L. NUEBLING, Chf. Engr., Water Bureau, Reading, Pa.

MEMBERSHIP COMMITTEE

THEODORE A. LEISEN, Chairman, Water Works Park, Detroit Mich.
J. E. GIBSON, Chf. Engr., Water Dept., Charleston, S. C.
WM. R. YOUNG, Registrar Water Dept., Minneapolis, Minn.

CONVENTION COMMITTEE

HARRY F. HUY, 704 Electric Building, Buffalo, N. Y.
EDWARD E. WALL, Water Commissioner, 312 City Hall, St. Louis Mo.
J. M. DIVEN, Secretary, 153 West 71st St., New York, N. Y.

PRIVATE FIRE PROTECTION SERVICES

NICHOLAS S. HILL, JR., Chairman, 112 East 19th St., New York, N. Y.
GEORGE G. EARL, 402 Swge. and Water Bd. Bldg., New Orleans, La.
E. V. FRENCH, M. E., 31 Milk St., Boston, Mass.
FRANK C. JORDAN, 113 Monument Circle, Indianapolis, Ind.
WALTER E. MILLER, 413 Pioneer Block, Madison, Wis.

REPRESENTATIVES IN AMERICAN COMMITTEE ON ELECTROLYSIS

EDWARD E. MINOR, Supt. Water Co., New Haven, Conn.
NICHOLAS S. HILL, JR., 112 East 19th St., New York, N. Y.

STANDARD SPECIFICATIONS FOR WATER METERS

CALEB M. SAVILLE, Chairman, Manager Water Works, New Haven, Conn.
DOW R. GWINN, President Water Co., Terre Haute, Ind.
ROBERT J. THOMAS, 85 Eleventh St., Lowell, Mass.
SETH M. VAN LOAN, 702 City Hall, Philadelphia, Pa.

STANDARD BRASS FITTINGS

WILLIAM R. EDWARDS, Chairman, 158 Ellison St., Paterson, N. J.
J. WALTER ACKERMAN, City Manager, Watertown, N. Y.
SETH M. VAN LOAN, 702 City Hall, Philadelphia, Pa.

STANDARD FORM OF CONTRACT

- J. WALDO SMITH, Chairman, Chf. Engr. Board Water Supply, Municipal Building, New York, N. Y.
 THEODORE A. LEISEN, Water Works Park, Detroit, Mich.
 JOHN N. CHESTER, Union Bank Bldg., Pittsburgh, Pa.
 HENRY P. BOHMAN, Supt. Water Works, Milwaukee, Wis.
 CHARLES R. GOW, West Roxbury, Mass.
 CARLETON E. DAVIS, Chief Bureau of Water, Philadelphia, Pa.
 THOMAS H. WIGGINS, Scarsdale, N. Y.
 G. A. ELLIOTT, 1270 Sacramento St., San Francisco, Calif.
 JOHN M. GOODELL, Secretary, 106 Lorraine Ave., Upper Montclair, N. J.

STANDARDIZATION OF PIPE FLANGES AND FITTINGS

- FRANK A. BARBOUR, Representative on Sectional Committee under American Engineering Standards Committee.

STANDARDIZATION COUNCIL

- GEORGE W. FULLER, Chairman, 170 Broadway, New York, N. Y.
 GEORGE A. JOHNSON, 150 Nassau Street, New York, N. Y.
 FRANK A. BARBOUR, 1120 Tremont Building, Boston, Mass.
 EDWARD BARTOW, State University, Iowa City, Ia.
 GEORGE C. WHIPPLE, Harvard University, Cambridge, Mass.
 MALCOLM PIRNIE, Secretary, 30 East 42d Street, New York, N. Y.

TOPICS AND PERSONNEL OF STANDARDS COMMITTEES

1. *Standard Methods of Water Analysis*

- JACK J. HINMAN, JR., Chairman, State Univ. of Iowa, Iowa City, Iowa.
 E. M. CHAMOT, Cornell University, Ithaca, N. Y.
 MAC HARVEY McCRADY, Province Quebec, Board of Health, 59 Notre Dame, East, Montreal, Que.
 LEWIS I. BIRDSALL, Supt. Filtration, Minneapolis, Minn.
 ABEL WOLMAN, 16 West Saratoga St., Baltimore, Md.
 H. W. CLARK, Dctr. Wtr. & Swge. Labs., Dept. Pub. Hlth, Boston, Mass.
 DR. WILLIAM MANSFIELD CLARK, Hyg. Labs. U. S. P. H. Svce. 25th & E. Sts., Washington, D. C.
 DR. MAX LEVINE, Iowa State College of Agriculture & Mechanics Arts Ames, Iowa.

2. *Standards for Satisfactory Drinking Water*

- A. W. FREEMAN, Chairman, Johns Hopkins University, Baltimore, Md.
 N. J. HOWARD, Dept. Pub. Health, Toronto, Ont.
 HARRY E. JORDAN, 113 Monument Circle, Indianapolis, Ind.
 MAC HARVEY McCRADY, Province of Quebec Board of Health, 59 Notre Dame, East, Montreal, Que.
 G. E. WILLCOMB, Water Department, Albany, N. Y.

3. *Practical Ranges in Load Factors for Purification Plants*

- EDWARD E. WALL, Chairman, Water Commissioner, St. Louis, Mo.
 CHARLES G. HYDE, University of California, Berkley, Calif.
 SETH M. VAN LOAN, 702 City Hall, Philadelphia, Pa.
 RICHARD MESSER, State Dept. of Health, Richmond, Va.
 F. HOLMAN WARING, State Board of Health, Columbus, Ohio.

4. Colloid Chemistry in Relation to Water Purification

- ROBERT SPURR WESTON, Chairman, 14 Beacon Street, Boston, Mass.
LEWIS I. BIRDSALL, Supt. Filtration, Minneapolis, Minn.
A. M. BUSWELL, University of Illinois, Urbana, Ill.
JOSEPH W. ELLMS, 1263 Cook Ave., Lakewood, Cleveland, O.
F. W. GREEN, Supt. Filtration Plant, Little Falls, N. J.
FRANK E. HALE, Ph.D., Director Mount Prospect Laboratory, Bklyn.
CHARLES P. HOOVER, Chemist Filtration Plant, Columbus, O.
MALCOLM PIRNIE, 30 East 42d Street, New York.
E. J. ROWE, Supt. Water and Light Dept., Wellsville, N. Y.
MILTON F. STEIN, 6753 Lafayette Ave., Chicago, Ill.
ABEL WOLMAN, 16 West Saratoga St., Baltimore, Md.
R. E. TARBETT, U. S. P. H. Service, 3rd and Kilgour Sts., Cincinnati, O.
FRANK HANNAN, Chst., Toronto Filtration Plant, Toronto, Ont.

5. Watershed Protection

- THEODORE DEL. COFFIN, Chairman, Katonah, N. Y.
WILLIAM V. LOCKE, Metrop. Water Board, Boston, Mass.
REEVES J. NEWSOM, Water Commissioner, Lynn, Mass.
FRED M. RANDLETT, Chf. Engr. Water Bureau, Portland, Ore.
S. P. SENIOR, Vice-Pres., Bridgeport Hydraulic Co., Bridgeport, Conn.
W. L. STEVENSON, Asst. Chief Engr. State Dept. of Health, 22 So. 3d Street, Harrisburg, Pa.

6. Industrial Wastes in Relation to Water Supply

- ALMON L. FALES, Chairman, 14 Beacon St., Boston, Mass.
WELLINGTON DONALDSON, 170 Broadway, N. Y. C.
C. A. EMERSON, JR., Chf. Engr. State Dept. of Health, Harrisburg, Pa.
HARRY B. HOMMON, United States Public Health Service, 76 New Montgomery St., San Francisco.
F. W. MOHLMAN, Sanitary Dist., 39th St. and Lake Michigan, Chicago.
JAMES A. NEWLANDS, 11 Laurel Street, Hartford, Conn.
RALPH HILSCHER, State Bd. Health, 102 Civil Eng. Bldg., Berkeley, Cal.

7. Pumping Station Betterments

- LEONARD A. DAY, Chairman, 34 East Grand Ave., St. Louis, Mo.
C. H. ANDERSON, c/o Water Dept., Cincinnati, O.
JOHN N. CHESTER, Union Bank Bldg., Pittsburg, Pa.
L. A. QUAYLE, Water Department, Cleveland, O.

8. Physical Standards for Distribution System

- G. GALE DIXON, Chairman, 102 E. Mill St., Akron, O.
J. ARTHUR JENSEN, Supt. Water Works Dept., Minneapolis, Minn.
E. E. LAUPHER, Distb. Dept., Pittsburgh, Pa.
V. BERNARD SIEMS, Asso. Civil Engr., Water Dept., Baltimore, Md.
W. Z. SMITH, Genl. Mgr., Water Works, Atlanta, Ga.
L. CHIVVIS, Engineer of Dist. Water Dept., St. Louis, Mo.
C. E. DAVIS, Engineer, Water Dept., Memphis, Tenn.
J. R. MCCLINTOCK, 421 Produce Exchange Bldg., Kansas City, Mo.

9. Standard Specifications for Cast Iron Pipe and Specials

- FRANK A. BARBOUR, Chairman, 1120 Tremont Bldg., Boston, Mass.
WALTER WOOD, President, Millville Water Co., Philadelphia, Pa.
EDWARD E. WALL, Water Commissioner, St. Louis, Mo.

- N. F. S. RUSSELL, 1421 Chestnut St., Philadelphia, Pa.
 WILLIAM C. HAWLEY, 712 South Avenue, Wilkinsburg, Pa.
 WILLIAM W. BRUSH, 2455 Municipal Bldg., New York, N. Y.
 THOMAS H. WIGGIN, 50 Church Street, N. Y. C.
10. *Standardization of Services*
 J. M. DIVEN, Chairman, 153 West 71st St., New York, N. Y.
 BERNARD J. BLEISTEIN, 240 Jamaica Ave., Long Island City, N. Y.
 GEORGE READ, c/o Water Dept., Los Angeles, Calif.
 M. C. WHIPPLE, Harvard University, Cambridge, Mass.
11. *Sanitary Fountains*
 SHEPPARD T. POWELL, Chairman, Chemist Baltimore County Water Co.,
 100 W. Fayette St., Baltimore, Md.
 JOHN H. DUNLAP, 33 W. 39th St., New York, N. Y.
 J. H. DUNWOODY, Supt. Water Dept., Erie, Pa.
 RALPH HILSCHER, State Board of Health, Berkley, Calif.
 W. MONTGOMERY MITCHELL, Holmcroft, Gross Ile, Mich.
12. *Testing of Water Works Materials and Supplies*
 THADDEUS MERRIMAN, Chairman, Depty. Chf. Engr. Bd. Water Supply,
 Municipal Building, New York, N. Y.
 JOHN H. GREGORY, Johns Hopkins University, Baltimore, Md.
 GEORGE G. EARL, Genl. Supt. Sewage and Water Board, New Orleans, La.
 AUGUST V. GRAF, Chemist Water Works, St. Louis, Mo.
 F. A. MCINNES, Divn. Engr. Public Works Dept., Boston, Mass.
 W. R. CONARD, Savings Institution Bldg., Burlington, N. J.
13. *Methods and Records of Water Waste Control*
 WILLIAM W. BRUSH, Chairman, 2455 Municipal Bldg., New York, N. Y.
 GEORGE C. ANDREWS, Water Commissioner, Buffalo, N. Y.
 HENRY P. BOHMAN, Supt. Water Works, Milwaukee, Wis.
 EDWARD S. COLE, 50 Church St., New York, N. Y.
 CHARLES S. FOREMAN, Supt. Water Works, Kansas City, Mo.
14. *Steps Toward Standardizing Stated Quantities for Slides in Meter Schedules*
 ALLEN HAZEN, Chairman, 30 East 42d St., New York, N. Y.
 THEODORE A. LEISEN, Water Works Park, Detroit, Mich.
 BURTON LOWTHER, Supt. Water Works, Denver, Colo.
 GEORGE N. SCHOONMAKER, Constn. Div. Water Dept., Toledo, O.
 ISAAC WALKER, Mgr. New Chester Water Co., 594 Drexel Bldg., Philadelphia, Pa.
15. *Practical Standards of Rules and Regulations of Relations Between Water Works and Consumers*
 FRANK C. JORDAN, Chairman, 113 Monument Circle, Indianapolis, Ind.
 GEORGE W. BIGGS, JR., 50 Broad St., New York, N. Y.
 G. A. ELLIOTT, 1270 Sacramento St., San Francisco, Calif.
 D. W. FRENCH, Supt. Hackensack Water Co., Weehawken, N. J.
 CHARLES R. HENDERSON, Manager Water Co., Davenport, Ia.
 WALTER E. MILLER, 413 Pioneer Blk., Madison, Wis.
16. *Essential Data for Water Records and Reports*
 A. Municipal Plants:
 GEORGE H. FENKELL, Chairman, Supt. Board Water Commissioners,
 Detroit, Mich.
 CARLETON E. DAVIS, Chief Bureau of Water, Philadelphia, Pa.

CHARLES S. DENMAN, Manager Water Co., Des Moines, Ia.
 CHARLES A. FINLEY, Manager Bureau of Water, Pittsburgh, Pa.
 R. B. HOWELL, Genl. Mgr. Wtr. Bd., Omaha, Neb.

B. Privately Owned Plants:

JOHN N. CHESTER, Chairman, Union Bank Bldg., Pittsburgh, Pa.
 DOW R. GWINN, Prest. Water Co., Terre Haute, Ind.
 ALLAN W. CUDDEBACK, Supt. Passaic Water Co., Paterson, N. J.
 ROBERT J. HARDING, V. Prest. Water Co., San Antonio, Tex.
 FRANK C. KIMBALL, Secty. Commonwealth Water and Light Co., Summit, N. J.

17. *Steel Pipe Lines.*

THEODORE A. LEISEN, Chairman, Civ. Engr., Bd. Water Comnrs. Water Works Park, Detroit, Mich.
 ALLAN W. CUDDEBACK, Engr. and Supt. Passaic Water Co., 158 Ellison St., Paterson, N. J.
 G. GALE DIXON, Finance Building, Cleveland, O.
 J. W. LEDOUX, Cons. Engr., 112 No. Broad St., Philadelphia, Pa.
 LEONARD METCALF, Con. Civil Engr., 14 Beacon St., Boston, Mass.
 CHAS. T. BRAGG, Board of Water Commissioners, Detroit, Mich.
 H. SEAVER JONES, 50 Church Street, N. Y.

List of Abstractors

FRANK HANNAN, *Chief*, 181 Willow Avenue, Toronto, Ont., Canada
 BACHMAN, FRANK, c/o Dorr Co., 101 Park Ave., New York City.
 BANKSON, E. E., 1111 Union Bank Bldg., Pittsburgh, Pa.
 BARDWELL, R. C., 1055 Ry. Exc. Bldg., St. Louis, Mo.
 BAYLIS, JOHN, Lake Montebello, Hillen Road, Baltimore, Md.
 BLOHM, W. P., 16 W. Saratoga Street, Baltimore, Md.
 BUNKER, GEO. C., P. O. Box 262, Ancon, C. Z.
 BUSWELL, A. M., Urbana, Ill.
 CHASE, E. S., c/o Metcalf and Eddy, 14 Beacon St., Boston, Mass.
 DONALDSON, WELLINGTON, 36 Jarvis Place, Lynbrook, N. Y.
 ENSLOW, L. H., 110 Capitol St., Richmond, Va.
 FALES, A. L., 14 Beacon Street, Boston, Mass.
 FRENCH, D. K., 2005 McCormick Building, Chicago, Ill.
 HINMAN, J. J., P. O. Box 313, Iowa City, Ia.
 HOOVER, CHARLES P., Filtration Plant, Columbus, Ohio.
 HOWARD, N. J., Centre Island, Toronto, Ont., Canada.
 JORDAN, H. E., 113 Monument Circle, Indianapolis, Ind.
 LANGELIER, W. F., University of California, Berkeley, Calif.
 MCCRADY, MAC HARVEY, 59 Notre Dame East, Montreal, Canada.
 MENDELSON, I. W., 1527 14th Street, N. W. Washington, D. C.
 MOHLMAN, F. W., 39th Street, and Lake Michigan, Chicago, Ill.
 MONTFORT, W. F., 506 N. Vandeventer Avenue, St. Louis, Mo.
 NEWLANDS, JAMES A., 11 Laurel Street, Hartford, Conn.
 PEARSE, L., S. O. Bldg., 910 S. Michigan Avenue, Chicago, Ill.
 TAYLOR, G. R., 115 Wyoming Ave., Scranton, Pa.
 THOMPSON, R. E., 556 Milverton Blvd., Toronto, Canada.

List of Publications to be Abstracted

Affiliated Engineering Societies of Minnesota—Bulletin.
American Association of Engineers—Monad.
American City.
American Electro-Chemical Society—Proceedings.
American Forestry.
American Medical Association—Annual Index.
American Medical Association—Journal.
American Meteorological Society—Publications.
American Public Health Association—Journal.
American Railway Engineering Association—Journal.
American Society for Testing Materials—Proceedings.
American Society of Civil Engineers—Proceedings.
American Society for Municipal Improvements—Proceedings.
Board of Fire Underwriters—Reports.
Boston Society of Civil Engineers—Journal.
Canada—Department of the Interior—Water Supply Bulletins.
Canadian Engineer.
Canadian Water Works Association—Journal.
Concrete.
City Reports (Misc.)
Cleveland Engineering Society—Journal.
Connecticut Association of Civil Engineers—Proceedings.
Dayton Engineers' Club—Publications.
Engineering Association of the South—Proceedings.
Engineering and Contracting.
Engineering News—Record.
Engineers' Club of Philadelphia—Journal.
Engineers of St. Louis—Journal.
Engineers' Institute of Canada—Journal.
Engineers' Society of Western Pennsylvania—Proceedings.
Fire and Water Engineering.
Franklin Institute—Journal.
Illinois Society of Engineers—Reports.
Illinois State Water Survey—Bulletins.
Indiana Engineering Societies—Proceedings.
Indiana Sanitary and Water Supply Association—Proceedings.
Ingenieria Internacional (Published in New York).
Iowa Engineering Societies—Proceedings.
Journal of Bacteriology.
Journal of Industrial and Engineering Chemistry.
Journal of Biological Chemistry.
Louisiana Engineering Society—Proceedings.
Mechanical Engineering (Jour. Am. Soc. M. E.)
Missouri Water Works Association—Journal.
Monthly Weather Review (U. S. Weather Bureau.)
Municipal and County Engineering.

Municipal Engineers (N. Y.)—Journal.
New England Water Works Association—Journal.
Ohio Engineering Societies—Proceedings.
Ohio Water Works Association—Proceedings.
Pennsylvania Water Works Association—Proceedings.
Power.
Public Health Engineering Abstracts (U. S.).
Public Utility Reports.
Public Works.
Railway Age.
Railway Maintenance Engineer.
Railway Mechanical Engineer.
Railway Review.
Scientific Lubrication.
Southern Engineer (Atlanta.)
Southwestern Water Works Association—Journal.
State Boards of Health—Reports and Bulletins (Misc.)
Tropical Diseases Bulletin—Sanitary Supplements.
Universal Engineer (N. Y.)
U. S. Bureau of Agriculture—Bulletins and Circulars.
U. S. Bureau of the Census—Statistics.
U. S. Bureau of Mines—Bulletins, Circulars and Technical Papers.
U. S. Bureau of Standards—Bulletins, Circulars, Technical Papers, etc.
U. S. Dept. of Agriculture—Bulletins and Circulars.
U. S. Public Health Service—Reports, Bulletins and Reprints.
U. S. Geological Survey—Water Supply Papers, Bulletins and Circulars.
University Bulletins (Misc.)
Utah Society of Engineers—Proceedings.
Western Society of Engineers—Journal.

LIST OF MEMBERS

HONORARY MEMBERS

CAULFIELD, JOHN. Mangr. Bismarck Water Supply Co., Bismarck, N. Dak.....	July 14, 1887
HOLMAN, M. L. 6015 McPherson Ave., St. Louis, Mo.....	Mar. 21, 1881
NAKAJIMA, Y. Imperial University, Tokyo, Japan.....	July 14, 1887

ACTIVE MEMBERS

ABBOTT, C. E. Mgr., Water Works, Tuscaloosa, Ala.....	June 5, 1916
ABBOTT, CARROLL B. Prest., Wtr. Wks. Sup. Co., 536 Call Building, San Francisco, Calif.....	May 24, 1922
ABBOTT, G. H. Treasr. and Supt., Southbridge Water Supply Co., Southbridge, Mass.....	May 17, 1912
ACKERMAN, J. WALTER. City Manager, Watertown, N. Y....	Feb. 2, 1910
ADAMS, ALTON D. 6 Walnut St., Framingham, Mass.....	Sept. 30, 1912
ADAMS, HENRY. Cons. Engr., 1263-69 Calvert Building, Baltimore, Md.....	Apr. 27, 1914
ADAMS, J. C. Amer. Wtr. Wks. and El. Co., 50 Broad St., New York, N. Y.....	Mar. 31, 1921
AERYNS, ALBERT NELSON, C.E. 716 Greenwood Ave., Brooklyn, N. Y.....	Jan. 18, 1915
AHERN, J. F. Fairbanks, Morse & Co., 1765 Post St., Jacksonville, Fla.....	Apr. 3, 1922
ALEXANDER, R. C. Mgr., Water Co., Centerville, Ia.....	July 20, 1920
ALEXANDER, W. J. City Manager, P. O. Box 365, Gastonia, N. C.....	Dec. 12, 1921
ALLEMAN, DR. GELLERT. Prof. of Chemistry, Swarthmore, Pa.....	June 21, 1921
ALLEN, CLAYTON M. Filter Operator, 111 West State St., Wellsville, N. Y.....	May 24, 1922
ALLEN, HUGH L. Supt., Water and Light Commission, Wilson, N. C.....	Mar. 12, 1917
ALLEN, LOUIS P. Supt., Water Works, Johnson City, N. Y....	Apr. 27, 1920
ALLEN, WILLIAM JOHN. Chf. Engr. and Bacteriologist, 329 Cory Ave., Waukegan, Ill.....	Jan. 17, 1915
ALLIN, T. D., C.E. 303 Kendall Bldg., Pasadena, Cal.....	Mar. 28, 1910
ALLISON, JAMES E. 1017 Olive St., St. Louis, Mo.....	Feb. 17, 1913
ALPERS, FRANK H. Supt. Water Co., Cimarron, N. M.....	Oct. 14, 1919
ALVORD, JOHN W. Cons. Engr., 1417-18 Hartford Bldg., Chicago, Ill.....	Apr. 3, 1899
AMES, CLARENCE F. Supt. Water Works, Norwich, N. Y....	Mar. 30, 1918
AMISS, THOMAS L. Supt. Water and Sewerage, Shreveport, La.	May 14, 1918
AMSBARY, F. C. Mgr. Water Co., Champaign, Ill.....	June 6, 1909
ANDERSON, ROBERT M. Prof. Engineering Practice, Stevens Institute, Hoboken, N. J.....	Dec. 22, 1916
ANDREWS, GEORGE C. Water Commissioner, 2 Municipal Building, Buffalo, N. Y.....	Feb. 28, 1917
ANDREWS, LEWIS P. Manager, Secy. and Treas. Water Co., Sedalia, Mo.....	Apr. 13, 1909

ANDREWS, ROBERT E. National Board Fire Underwriters, 205 Merchants Exchange Bldg., San Francisco, Cal.	June 14, 1913
ANGUS, ROBERT W. Prof. of Mechanical Eng., University of Toronto, Toronto, Canada.....	Feb. 5, 1917
ANTHONY, CHAS. Genl. Mgr., Water Co., Cassilla Correo 149, Bahia Blanca, Argentine Republic, S. A.....	June 29, 1909
APPLEBAUM, SAMUEL BERNARD, C.E. Sanitary Engineer, 78 Stephenson Blvd., New Rochelle, N. Y.....	Apr. 24, 1916
APPS, WILLIAM. Supt. Water Works, Syracuse, N. Y.....	June 28, 1919
ARCHER, ELMER T. Cons. Engr., New England Building, Kansas City, Mo.....	May 14, 1918
ARCHIBALD, J. G. Supt. Water Works System, Woodstock, Ont.....	Feb. 10, 1921
ARMSTRONG, JAMES W. Filtn. Engr. City Water Dept., Lake Montebello, Hillen Road, Baltimore, Md.....	Mar. 12, 1910
ARMSTRONG, ROGER W. 120 Montague St., Brooklyn, N. Y....	Apr. 8, 1916
ATKINSON, ASHER. City Engr., 49 Mine St., New Bruns- wick, N. J.....	Mar. 27, 1922
ATKINSON, T. R. Consulting Engineer, Bismarck, N. D.....	May 18, 1914
ATTERSALL, CHARLES F. Supt., Water Works, Winchester, Ky.....	June 7, 1910
AVERY, ELWOOD. Asst. Engr., P. S. Comn. Cmlth. of Penna., 84 North 17th St., Harrisburg, Pa.....	Feb. 28, 1922
AYRES, LOUIS E., C.E., B.S. Pr. Asst. G. S. Williams, Cons. Engr., Cornwell Building, Ann Arbor, Mich.....	Nov. 16, 1916
AYRES, THOMAS H. 905 Sherman Ave., South Bend, Ind.....	June 20, 1913
BABBITT, HAROLD E. 204 Engineering Hall, Urbana, Ill.....	June 4, 1915
BABCOCK, G. H. Supt. Water Works, East Rochester, N. Y....	June 7, 1916
BACHMAN, FRANK. c/o Dorr Co., 101 Park Ave., New York, N. Y.....	Feb. 4, 1915
BAHLMAN, CLARENCE. Cincinnati Filtration Plant, Cali- fornia, O.....	Feb. 7, 1922
BAILEY, JOHN G. Supt. Water Distbn., Engr. Bldg., Main and Orange Sts., Jacksonville, Fla.....	Feb. 28, 1921
BAIN, ERNEST B. Supt., City Water Dept., Raleigh, N. C....	May 14, 1909
BAIR, MAURICE Z. Chf. Engr., State Board of Health, Cap- itol Bldg., Little Rock, Ark.....	Apr. 15, 1915
BAKER, CLARENCE M. State Bd. of Hlth., Madison, Wis.....	Oct. 4, 1915
BAKER, HAROLD WALLACE, C.E. Bur. Munic. Research, 505 Arlington Bldg., Rochester, N. Y.....	Jan. 31, 1922
BAKER, M. N. Assoc. Editor, Engineering News-Record, 10th Ave. at 36th St., New York, N. Y.....	June 24, 1903
BALDWIN, F. O. Supervisor, Water Purification Plt., 2710 West Grace St., Richmond, Va.....	May 10, 1922
BALDWIN, FRED N. Supt., Water Works, Flint, Mich.....	May 10, 1915
BALDWIN, HENRY DE FOREST. President Queens County Water Co., 25 Broadway, New York, N. Y.....	Apr. 27, 1910
BALDWIN, HERBERT B. Chemist, Dept. of Health, 927 Broad St., Newark, N. J.....	Mar. 27, 1919
BALL, GEORGE W. Prest. I. C. Water Co., Paul-Helen Bldg. Iowa City, Ia.....	Apr. 24, 1920
BANCROFT, LEWIS M., Reading, Mass.....	Mar. 31, 1909
BANDY, WILLIAM B., C.E. 303 New Bern, Raleigh, N. C.....	Dec. 12, 1921
BANK, WILLIAM G. Asst. Engr. Bureau of Water of Newark, Oak Ridge, N. J.....	Dec. 16, 1919
BANKSON, ELLIS E., C.E. 1111 Union Bank Bldg., Pittsburgh, Pa.....	July 27, 1922

BARBOUR, FRANK A. Consulting Hydraulic and Sanitary Engr., 1120 Tremont Bldg., Boston, Mass.....	May 21, 1906
BARCLAY, W. E. Supt. Dept. Water and Elect., Aurora, Ill. . .	May 13, 1918
BARDWELL, R. C. Engr. Water Srvc., Mo. Pac. Ry. Co., 1055 Ry. Exc. Bldg., St. Louis Mo.....	Nov. 3, 1916
BARLOW, J. E. Civ. and Hydr. Engr., City Mgr., Municipal Bldg., New London, Conn.....	May 13, 1915
BARNES, T. HOWARD. Cons. Engr., 1637 Whitehall Building, New York, N. Y.....	Dec. 14, 1914
BARNETT, C. P. Consulting Engineer, Covington, Virginia..	June 13, 1922
BARNHARD, P. Mgr., Mt. Carmel Public Utility Co., Mt. Carmel, Ill.....	Oct. 19, 1914
BARNES, FREDERICK B. Engr., w/Hill & Ferguson, 112 East 19th St., New York, N. Y.....	Mar. 4, 1922
BARR, WILLIAM M. Consulting Chemist, Union Pacific Systems, Omaha, Neb.....	Feb. 9, 1917
BARROWS, H. K. Cons. Engr., 6 Beacon St., Boston, Mass. . .	May 20, 1920
BARRY, JAMES P. Chf. Hyd. Engr. Redwood Mfrs. Co., 1600 Hobart Bldg., San Francisco, Cal.....	May 20, 1920
BARTHOLOMEES, C. F. Asst. Engr., Munic. Water Works, 1654 Broadway, Denver, Col.....	Feb. 20, 1922
BARTLETT, N. EMORY. Natrona Water Co., 1000 Widener Building, Philadelphia, Pa.....	June 7, 1909
BARTON, CARL O. Asst. Engr., Dept. Wtr. Sup., 176 Jefferson Ave., Detroit, Mich.....	Mar. 23, 1922
BARTOW, EDWARD. Chemistry Dept., State Univ. of Iowa, Iowa City, Ia.....	June 7, 1909
BARTRAM, GEORGE C. Prest. United Concrete Pipe Co., 29 Broadway, New York, N. Y.....	June 7, 1921
BASCOM, G. R. c/o Barber Greene Co., 9 S. Clinton St., Chicago, Ill.....	Sept. 2, 1914
BASS, FREDERICK H. 429 Union St., Minneapolis, Minn.....	Apr. 2, 1909
BASSETT, CARROL P., C.E. Treas. Commonwealth Water and Lt. Co., Summit, N. J.....	Oct. 24, 1909
BASSETT, CHARLES K., M.E., Buffalo Meter Co., 2917 Main St., Buffalo, N. Y.....	June 13, 1921
BASSETT, GEO. B., C.E. 691 W. Ferry St., Buffalo, N. Y.....	Apr. 12, 1909
BATCHELDER, GEORGE W. Water Commissioner, 19 City Hall, Worcester, Mass.....	Apr. 25, 1916
BATES, C. O. Chair of Chemistry, Coe College, Cedar Rapids, Ia.....	July 17, 1922
BATES, RALPH D. Chemist, Filter Plant, Clarksburg, W. Va..	Feb. 10, 1921
BATON, WARREN U. C. Chief Analyst 528, South Lang Ave., Pittsburgh, Pa.....	Apr. 9, 1909
BATT, JOHN B. Supt. Water Works, North Tonawanda, N. Y.	Apr. 24, 1919
BAUEREISEN, R. J. Capt. Q. M. Constr. Svce., U. S. A., Fort Mills, Corregidor Island, P. I.....	Aug. 8, 1915
BAYLIS, JOHN R. Prin. San. Chst., Baltimore Filtration Plant, Lake Montebello, Hillen Road, Baltimore, Md. . .	Oct. 2, 1915
BEAN, GEORGE L. Civil Engineer, 1729 N. 19th St., Philadelphia, Pa.....	Dec. 29, 1913
BEARDSLEY, JOSEPH C. P. O. Box 237, Cleveland, Ohio.....	Apr. 15, 1909
BEAUBIEN, JAMES A. Penn Pump Co., 30 Church St., New York, N. Y.....	May 1, 1920
BECK, F. E. Chf. Engr., Consolidated Water Co., Utica, N. Y.	Apr. 20, 1915
BECK, H. A. Dctr. Pub. Svce., 201 Furnace St., Elyria, O. . .	June 19, 1920
BEDELL, ARTHUR S. State San. Engr., Salt Lake City, Utah..	June 10, 1920
BEDELL, JAMES. Supt., Water Works, 10 Croton Ave., Ossining, N. Y.....	May 12, 1908
BELCHER, RICHARD. Prest. Water Co., Marysville, Cal.....	Oct. 4, 1919

BELL, DAVID V. Supt., Water Companies, U. P. R. R. Co., 325 N. Front St., Rock Springs, Wyo.....	May 14, 1909
BEMIS, EDWARD W. Room 1601, 139 N. Clark St., Chicago, Ill.	May 18, 1909
BENHAM, WEBSTER L. Cons. Engr., 512 Gumbel Bldg., Kansas City, Mo.....	June 9, 1919
BENNETT, C. G., M.E. State Public Utilities Comn., Spring- field, Ill.....	Apr. 7, 1920
BENZENBERG, G. H. Cons. Engr., 1018 Wells Bldg., Milwau- kee, Wis.....	Apr. 17, 1888
BERNHAGEN, LEWIS O. City Hall, Beaumont, Tex.....	Mar. 6, 1917
BERRY, ALBERT E. 69 Pembroke St., Toronto, Ont.....	June 21, 1920
BERRY, FRED D. Secty. Bd. Water Comrs., Hartford, Conn..	Mar. 24, 1919
BESSELIEVRE, EDMUND B., B.S. San. Engr., 300 Pitney Ave., Spring Lake N. J.....	Oct. 7, 1919
BETTES, CHARLES R. Chief Engr. Queen Co., Water Works, Far Rockaway, L. I., N. Y.....	June 18, 1901
BETER, ALBIN H., C.E. Assoc. Prof. in Civil Eng., Columbia University, New York, N. Y.....	June 17, 1916
BIERBAUER, GEORGE W. Prest. Brookside Water Co., 401 Mining Exc. Bldg., Colorado Springs, Col.....	Oct. 7, 1919
BIGGS, GEORGE W., Jr. Chf. Engr. Amer. Water Works and Elect. Co., 50 Broad St., New York, N. Y.....	June 2, 1916
BILLWILLER, ERNEST OSWALD. Cont. Hyd. Engr., 18 W. San Antonio St., San Jose, Cal.....	June 10, 1920
BIRD, CYRUS R. The Pitometer Co., 50 Church St., New York, N. Y.....	Mar. 16, 1922
BIRDSALL, LEWIS I. Care General Chemical Company, 112 West Adams St., Chicago, Ill.....	June 24, 1913
BIRKINBINE, CARL P. Hyd. Engr., Commercial Trust Bldg., Philadelphia, Pa.....	June 2, 1916
BISHOP, GUY H., C.E. Carolina Engineering Co., 412 South- ern Bldg., Wilmington, N. C.....	Sept. 26, 1921
BISHOP, WESLEY. Genl. Supt., Township of Chester Water Dept., Moorestown, N. J.....	Mar. 29, 1916
BISHOP, WILLIAM. 63 Trenton Ave., Morrisville, Pa.....	May 29, 1908
BLACK, ERNEST B. Cons. Engr., Mutual Building, Kansas City, Mo.....	June 24, 1913
BLACK, GURDON G. 3737 Washington Ave., St. Louis, Mo....	Feb. 13, 1915
BLACKFORD, JOHN J. 82 Maple St., Yonkers, N. Y.....	May 7, 1920
BLAIR, McCREA PARKER. 1133 Catherine St., Victoria, West, B. C.....	Apr. 29, 1910
BLAISDELL, HIRAM WHEELER. Filtration Engr., Hotel Com- modore, New York, N. Y.....	May 10, 1922
BLAKEMAN, S. R. Supt. Water and Light Dept., Dyersburg, Tenn.....	Nov. 13, 1914
BLANCHARD, R. K., M.E. Chf. Engr., Neptune Meter Co., 50 East 42nd St., New York, N. Y.....	June 19, 1919
BLEISTEIN, BERNARD J. Asst. Engr., Dept. W. S. G. and E. of N. Y. City, 240 Jamaica Ave., Long Island City, N. Y.	Apr. 26, 1918
BLIVEN, CHARLES H. Supt. Norfolk City Water Dept., Nor- folk, Va.....	May 12, 1914
BLIVEN, GEO. H. Supt. Rochester and Lake Ont. Wtr. Co., 440 Powers Bldg., Rochester, N. Y.....	Apr. 26, 1909
BLIVEN, M. HARVEY. Asst. Engr. Wtr. Dpt. Eastman Kodak, 5 Adrian St., Rochester, N. Y.....	Apr. 12, 1921
BLOCKIE, GEORGE D. Supt., Water Works, Hammond, Ind...	June 8, 1921
BLOHM, ARTHUR W. P. Engr. Asst. S. Dept. Health, 2206 Walbrook Ave., Baltimore, Md.....	Aug. 9, 1922
BLOMQUIST, H. F. Supt. City Water Works, Cedar Rapids, Ia.....	May 13, 1917

BLOSSOM, FRANCIS. Engineer, 52 William St., New York, N. Y.	Apr. 9, 1906
BOARDMAN, W. H. Civil Engr., 426 Walnut St., Philadelphia, Pa.	Apr. 18, 1909
BOEH, W. H. 1214 Loudon Ave., Cincinnati, Ohio.	Apr. 2, 1909
BOHMANN, HENRY P. Supt. Water Works, Milwaukee, Wis.	May 8, 1913
BOOKER, WARREN H. 3rd. Floor, Kinney Bldg., Charlotte, N. C.	July 21, 1911
BOOTH, L. M. Prest. Booth Chemical Co., P. O. Box 203, Elizabeth, N. J.	May 12, 1914
BOOTH, WILLIAM MILLER. Chemist, 312 First Trust and Dep. Bk. Bldg., Syracuse, N. Y.	May 15, 1919
BORDEN, MORO M. 310 Lees Ave., Collingswood, N. J.	June 5, 1912
BORROWMAN, R. E. Bradley Engineering Service, St. Cloud, Minn.	May 23, 1921
BOWE, THOMAS FRANCIS. Cons. Engr., 110 William St., New York, N. Y.	Feb. 9, 1920
BOWMAN, ABRAHAM M. Supt. Public Utilities, Elmira, Ont.	Oct. 21, 1919
BOYLE, BRYAN J. Dpty., Wtr. Comnr. Bur. of Water, 2 Municipal Bldg., Buffalo, N. Y.	Mar. 16, 1922
BOYLE, EDWARD CHARLES. c/o Filtration Plant, Grand Rapids, Mich.	Apr. 12, 1916
BOYLE, MARVIN M. Supt., Water Dept., City Hall, Greensboro, N. C.	Sept. 26, 1921
BOYNTON, PERKINS. Chst. in chge., New Chester Wtr. Wks., 115 W. Mowry St., Chester, Pa.	June 16, 1920
BRADBURY, EDWARD GATLING. County Sanitary Engr., Court House, Columbus, O.	June 16, 1919
BRADLEY J. F. Chf. Engr. and Bact., R. F. D. 8, Valparaiso, Ind.	Feb. 10, 1921
BRAGG, CHARLES TREAT. Prest., Board of Water Commissioners, Detroit, Mich.	May 15, 1922
BRANSFIELD, P. E. State Dept. of Hlth., 135 Huntington St., New Haven, Conn.	Mar. 16, 1922
BRAUNWORTH, P. L. Cons. Engr., 671 Broad St., Newark, N. J.	Aug. 4, 1921
BREITZKE, CHARLES F. Sanitary Engineer, Jersey City Water Works, Boonton, N. J.	June 7, 1910
BRENNAN, B. C. City Engineer, Superintendent Water Works, Kenosha, Wis.	Apr. 15, 1913
BREWTON, W. R. 8 Windle Park, N. Tarrytown, N. Y.	June 14, 1920
BRICKER, R. P. Prest., Shelby Water Co., Shelby, Ohio.	Nov. 19, 1915
BRISBIN, G. W. Supt., Monroe Water Works, Monroe, Mich.	Aug. 14, 1919
BROCKWELL, SHERWOOD. Deputy, Ins. Comnr., Raleigh, N. C.	Nov. 18, 1921
BROMLEY, C. H. Munic. Engr., Grimsby, Ont.	June 21, 1920
BROMSCHWIG, A. C. Supt. Filt. and Water Works, Whiting, Ind.	Apr. 19, 1921
BROOKS, JAMES E. Consulting Engineer, 40 Wildwood Terrace, Glen Ridge, N. J.	May 12, 1914
BROOKS, JOHN N., B.S. Douglaston, N. Y.	Feb. 24, 1912
BROSSMAN, CHARLES. Cons. Engr., 1503 Merchants Bank Bldg., Indianapolis, Ind.	Apr. 7, 1916
BROWER, IRVING C. Comnr. of Public Wks., Evanston, Ill.	Apr. 18, 1915
BROWN, C. ARTHUR. Sanitary Engineer, West Erie Ave., Lorain, O.	June 27, 1905
BROWN, C. D. Mgr. The Walkerville Water Co., Walkerville, Ontario, Can.	Oct. 16, 1916
BROWN, CALVIN S. The Belvedere, Toledo, Ohio.	Mar. 15, 1882

BROWN, CHARLES CARROLL, C.E. P. O. Box 234, St. Petersburg, Fla.....	May 12, 1906
BROWN, EDWARD. Supt. Water Works, Eau Claire, Wis.....	Jan. 24, 1921
BROWN, HORACE A., C.E. Conslt. Engr. and Supt. Water Works, Ottumwa, Iowa.....	May 7, 1919
BROWN, RASSELAS W. Supt. and Secty., Corry Water Supply Co., Corry, Pa.....	Apr. 3, 1916
BROWN, WALTER I. City Hall, Bangor, Me.....	Oct. 30, 1914
BROWNELL, OTTO E., C.E. Dvn. of Santn., State Bd. of Hlth., Minneapolis, Minn.....	Mar. 8, 1920
BRUA, E. G. Asst. Genl. Supt., Oil Pdn. Empire Gas & Fuel Co., Bartlesville, Okla.....	May 12, 1908
BRUCE, JOHN A. Cons. Engr., 120 S. 50th Ave., Omaha, Neb..	Oct. 21, 1920
BRUSH, WM. W. Depty, Chf. Engr., Dept. Water Supply Gas and Electy., Municipal Building, New York, N. Y.....	Feb. 18, 1911
BUCK, WILLARD C. Cons. Engr., 1245 W. Minnehaha Parkway, Minneapolis, Minn.....	Mar. 13, 1920
BUCK, WILLIAM H. Engr. and Supt. Construction, Riverton and Palmyra Water Co., Riverton, N. J.....	May 7, 1916
BULKELEY, OSCAR E. Bd. Wtr. and El. Lt. Comn., Lansing, Mich.....	June 23, 1913
BULL, CHARLES H. Asst. Engr., Dept. W. S. G. and E., 702 Madison Ave., New York, N. Y.....	Mar. 30, 1920
BULL, IRVING C. Analytical and Consulting Chemist, 50 West St., New York, N. Y.....	June 8, 1906
BUNKER, GEORGE CYRUS. P. O. Box 262, Ancon, C. Z.....	Feb. 23, 1911
BUNKS, F. A. Supt., Wtr. & Lt., 808 Pleasant St., St. Joseph, Mich.....	Jan. 17, 1922
BUNTING, P. G. Mgr. City Point Water Co., Box 11, Petersburg, Va.....	Feb. 7, 1916
BURDICK, CHARLES B. Hydraulic and Sanitary Engr., 1417 Hartford Bldg., Chicago, Ill.....	July 18, 1907
BURGESS, PHILIP. Cons. Engr., 141 East Broad St., Columbus, Ohio.....	Apr. 27, 1911
BURNHAM, HARRY A. Engr. and Sp. Insptr., F. M. F. Ins. Co., 68 Brookside Ave., Newtonville, Mass.....	June 16, 1920
BURNIE, ARTHUR N. Supt., Biddeford and Saco Water Co., Biddeford, Me.....	Mar. 22, 1916
BURNS, CLINTON S. Cons. H. E., 402 Interstate Building, Kansas City, Mo.....	Dec. 3, 1909
BURT, JOHN. Gnl. Mgr. Marin Mcpl. Wtr. Works, 425 5th Ave., San Rafael, Cal.....	May 20, 1920
BUSHNELL, WILL B. Spvsg. Engr., C. & U. Water Co., 18 Taylor St., Champaign, Ill.....	Feb. 20, 1922
BUSWELL, A. M. Chief, State Water Survey Divn., Urbana, Ill.....	Mar. 20, 1916
BUTLER, C. S. Bct. Naval Med. School, 24th and E, N.W., Washington, D. C.....	July 20, 1922
BUTTENHEIM, HAROLD S. Editor <i>The American City</i> , 154 Nassau St., New York, N. Y.....	Mar. 13, 1913
BUZBY, J. S. Box 310, Burlington, N. J.....	Sept. 30, 1919
BUZZELL, ROYAL S., Chemist. Chf. chmst., Filtration Plant, 726 East Court St., Flint, Mich.....	July 10, 1914
CADY, HARRISON R. Mech. Engr., Bur. of Water, 795 City Hall, Philadelphia, Pa.....	July 9, 1921
CAIRD, JAMES M. Chemist and Bacteriologist, Proctor Bldg., Troy, N. Y.....	May 16, 1900
CALDWELL, JAMES H., C.E. 55 First St., Troy, N. Y.....	July 10, 1906

CALHOUN, J. W. Meter Foreman, New Chester Water Co., Box 264, Chester, Pa.	May 14, 1921
CALKINS, WILLIS N. 2745 Fremont Ave., So., Minneapolis, Minn.	June 11, 1902
CALVERT, CECIL K. Chemist, Indpls. Sewage Comm., 1902 N. New Jersey Ave., Indianapolis, Ind.	Nov. 22, 1920
CAMERON, ARCHIBALD PRESTON. c/o Worthington-Simpson, Ltd., Queens House, Kingsway, London, W. C. 2, Eng.	June 4, 1912
CAMPBELL, C. B. Supt., Bureau of Water, Altoona, Pa.	May 10, 1915
CAMPBELL, GEORGE A. P. O. Box 2002, Reno, Nev.	Apr. 9, 1913
CAMPION, HARRY T. Supt. Water Works, Defiance, O.	Nov. 30, 1920
CARLIN, PHIL. Supt. Water Works, Sioux City, Iowa.	Apr. 15, 1891
CARLISLE, CHARLES C. Cons. Engr., 312 First Natl. Bank Bldg., Cheyenne, Wyoming.	Apr. 27, 1910
CARR, J. A. Supt., Village Water Dept., Ridgewood, N. J.	May 3, 1916
CARRICK, O. W. Wtr. Engr., Wabash Ry., 1606 E. Main St., Decatur, Ill.	Sept. 21, 1920
CARROLL, EUGENE. Vice Prest. and Mgr. Water Works, BUTTE, Mont.	June 7, 1904
CARSTEIN, LORENZ W. F. Depty. Commissioner Public Works, City of Long Beach, N. Y.	Feb. 8, 1915
CARTER, C. D. Supt., Water and Sewage Dept., Charlottesville, Va.	July 10, 1906
CASE, EGBERT D. Vice-Pres., Pitometer Co., 50 Church St., New York, N. Y.	Mar. 4, 1921
CASGRAIN, CHARLES P. Mgr., Water Works, City Hall, Quebec, Canada.	May 20, 1920
GATES, R. H. Pwr. Engr., So. Cal. Edison Co., 1210 Lake St., Los Angeles, Cal.	June 16, 1920
CATLETT, GEORGE F. San. Engr., State Bd. of Hlth., Bureau of Eng. and Inspen., Raleigh, N. C.	June 7, 1919
CAVALLIER, C., C.E. 9-13 Rue Saint-Leon, Nancy, France.	Aug. 31, 1916
CHADWICK, EARL E. City. Engr., Winona, Minn.	Apr. 19, 1919
CHAMBERS, GEORGE H. Supt. Mntnce., B. of W., 50 Lake View Ave., Buffalo, N. Y.	June 8, 1921
CHAMBERS, JOHN. Chief Engr. and Supt., Louisville Water Co., Louisville, Ky.	June 8, 1921
CHAMOT, E. M. Prof. Sanitary Chemistry, Cornell University, Ithaca, N. Y.	Feb. 13, 1915
CHAMPE, GEORGE, C.E. 610 Nasby Building, Toledo, Ohio.	Mar. 10, 1913
CHAMPION, ROY B. Supt. Public Works, 36 West 12th St., Holland, Mich.	Mar. 11, 1914
CHAPMAN, L. H. Commr. of Water, Kansas City, Kans.	June 8, 1921
CHASE, CHARLES P., C.E. 123 Sixth Ave., Personal, Clinton, Ia.	Aug. 31, 1916
CHASE, EDWARD SHERMAN. c/o Metcalf and Eddy, 14 Beacon St., Boston, Mass.	May 3, 1919
CHASE, RICHARD D., C.E. 607 Purchase St., New Bedford, Mass.	Nov. 3, 1919
CHESTER, CHARLES E., C.E. Mgr. City Water Co., Shelbyville, Ill.	Dec. 17, 1913
CHESTER, J. N., H. and M.E. Union Bank Building, Pittsburgh, Pa.	Nov. 7, 1910
CHILDS, J. A. Engineer, State Board of Health, 1988 Summit Ave., St. Paul, Minn.	Feb. 5, 1917
CHIPMAN, WILLIS, C.E. Mail Bldg., Toronto, Ont., Can.	Apr. 18, 1888
CHISHAM, J. M. Supt. Water Co., Atchison, Kans.	June 11, 1902
CHIVVIS, LELAND. Engr. in chge. Dist. Secn., 312 City Hall, St. Louis, Mo.	Oct. 4, 1919
CHRISTENSEN, C. H. Mgr. Lt. and Water Co., Missoula, Mont.	Oct. 4, 1919

CHRISTMAN, JOHN N. H. Mch. Engr. Wtr. Dpt., 2086 W. 91st St., Cleveland, O.	May 31, 1921
CLAFLIN, CHARLES R. Supt. Water Co., Rennselaer, N. Y.	Sept. 30, 1919
CLAFLIN, HOWARD B. Supt. City Wtr. Wks., 1757 West Madison St., Phoenix, Ariz.	May 23, 1921
CLAIBORNE, HERBERT A. Contracting Engineer, 204 West Franklin St., Richmond, Va.	May 7, 1917
CLAMAN, SAMUEL. Chmst. & Betlgst., City Board of Health, 133 N. Ridge St., Danville, Va.	May 31, 1922
CLANCY, JAMES M. Comnr. of Finance, Court House, St. Paul, Minn.	June 30, 1922
CLARK, A. E. Chemist in Charge, Filtration Plant, Pontiac, Mich.	June 10, 1919
CLARK, ARTHUR T. Supt. Water Works, Herkimer, N. Y.	May 16, 1919
CLARK, H. W. Prest. H. W. Clark Co., Mattoon, Ill.	May 29, 1895
CLARK, HARRY W. Chf. Chmst., State Dpt. Hlth. Rm. 541, State House, Boston, Mass.	May 26, 1920
CLARK, RICHARD. Supt. Water Works, Merritton, Ont.	June 27, 1905
CLARK, WILLIAM G. Cons. Engr., 1047 Spitzer Bldg., Toledo, Ohio.	July 8, 1908
CLARK, WILLIAM H. Supt. Water Works, Avon, N. Y.	May 31, 1916
CLARK, WILLIAM L. Chemist, Wyandotte Filt. Plnt., 5 Superior Blvd., Wyandotte, Mich.	Sept. 21, 1920
CLARK, WILLIAM MANSFIELD. Prof. Chemistry, Hygienic Lab., U. S. P. H. S., 25th and E. Sts., Washington, D. C.	June 9, 1921
CLARKE, C. I. Meter Dept., Water Works, 2 Elizabeth St., Ottawa, Canada.	Feb. 23, 1920
CLARKE, DAVID DEXTER. Cons. Water Supply Engr., 211 City Hall, Portland, Ore.	Nov. 3, 1914
CLARKE, HAROLD V. Supt., York Co. Water Co., Box 26, Kennebunk, Me.	Apr. 10, 1922
CLARKE, LEONARD. Distr. Mgr., Box 666, VanCouver, Wash.	Mar. 5, 1921
CLAUSSEN, OSCAR. Chf. Engr., Dpt. Pub. Wks., City Hall, St. Paul, Minn.	June 17, 1921
CLAYTON, R. M. American Savings Bank, Atlanta, Ga.	Apr. 15, 1891
CLEMENS, O. E. Mgr., Wtr. Sales, S. V. Wtr. Co., 375 Sutter St., San Francisco, Cal.	Feb. 10, 1921
CLEMMITT, ROBERT L. 3625 Springdale Ave., Baltimore, Md.	Aug. 27, 1910
CLEVERDON, WALTER S. L. Supvtr. of Property Ass. Prof. of Sanitary Engineering, N. Y. Univ., Bronx, New York, N. Y.	Apr. 3, 1916
CLIFTON, CHARLES ELMER. Chemist, Proctor Bldg., Troy, N. Y.	Mar. 12, 1910
COBLEIGH, W. M. Professor of Chemistry, Montana State College, Bozeman, Mont.	Dec. 29, 1913
CODE, R. W. C.E. 116 Chatham St. W., Windsor, Ont.	Aug. 4, 1922
COFFIN, T. DeL. Asst. Engr., Bureau Water Supply City of N. Y., Katonah, N. Y.	Apr. 14, 1922
COGGESHALL, R. C. P. 87 Court St., New Bedford, Mass.	Nov. 30, 1915
COLE, EDWARD S. Prest., The Pitometer Co., 50 Church St., New York, N. Y.	June 12, 1902
COLEMAN, BERNARD S. Chem. and Bact., Box 208, Little Falls, N. J.	Dec. 16, 1919
COLLINS, A. Water Comnr., 29 Jepson St., Niagara Falls, Ont.	June 8, 1921
COLLINS, EDWARD H. Chf. Dftsmn. Bd. Wtr. Cmnrs., 176 E. Jefferson Ave., Detroit, Mich.	May 29, 1920
COLLINS, M. F. Supt. Water Works, Lawrence, Mass.	June 21, 1920
CONARD, W. R. Savings Institution Bldg., Burlington, N. J.	June 7, 1904

CONATY, BERNARD M. Dist. Mgr., W. & T. Co., 1046 McKnight Bldg., Minneapolis, Minn.....	Mar. 31, 1922
CONNOR, F. J. Supt. Water Works, Sioux Falls, S. Dak.....	May 16, 1900
CONNOR, THOMAS J. Supt. Water and Light Dept., Gilbert, Minn.....	June 2, 1920
CONRADI, H. State Riv. Wtr. Sup. Comn., Treasury Gardens, Melbourne, Australia.....	May 26, 1921
COOK, JOHN H. Hyd. Engr., East Jersey Water Co., 158 Ellison St., Paterson, N. J.....	July 10, 1906
COOPER, SAMUEL W. Civ. and Hyd. Engr., Lewistown, Pa....	May 11, 1914
CORBIN, CLEMENT K. Dctr. Middlesex Water Co., 243 Washington St., Jersey City, N. J.....	May 12, 1908
COREY, RAY HOWARD. Gnl. Mgr., Coos Bay Water Co., Marshfield, Ore.....	June 19, 1920
CORIN, MAGNUS F. Chemist, 511 Hansberry St., Germantown, Pa.....	Apr. 20, 1910
CORR, ANDREW S. Inspector, 350 Thomas St., Phillipsburg, N. J.....	June 27, 1905
CORY, H. L. Cons. Munic. Engr., Dakota National Bank Bldg., Aberdeen, S. D.....	Mar. 27, 1922
COSCULLUELA, JUAN ANTONIO. Cons. Engr., O'Reilly y Mercaderes, Havana, Cuba.....	Oct. 6, 1913
COULTER, WALDO S. Cons. Engr., 114 Liberty St., New York, N. Y.....	Nov. 17, 1916
COUSINEAU, ARMÉ. City San. Engr., Health Dept., City Hall, Montreal, Canada.....	June 10, 1920
COWAN, P. H. Supt. Pub. Util., Galt, Ont.....	June 9, 1919
COWLES, M. WARREN. 82 Mill Plain Rd., Fairfield, Conn....	Apr. 7, 1919
COWLEY, FRED B. Registrar Divn. of Water, 211 City Hall, Cleveland, O.....	June 7, 1921
COX, CHARLES R. Chief Chemist, Bureau of Water, Reading, Pa.....	July 30, 1921
COX, HOMER F. Chief Engr. Scranton Gas and W. Co., 430 Colfax Ave., Scranton, Pa.....	May 12, 1914
COX, LAWRENCE. Civ. and San. Engr., 1102 York St., Des Moines, Ia.....	Dec. 26, 1919
CRAIG, J. O. Supt. Water Works, Salisbury, N. C.....	May 24, 1922
CRAIG, ROBERT HALL. Cons. Engr., 709 Telegraph Bldg., Harrisburg, Pa.....	May 26, 1919
CRAMER, W. S. Chf. Engr., Water Works Co., P. O. Box 42, Lexington, Ky.....	May 12, 1908
CRANCH, EUGENE T. City San. Engr., 329 St. Andrews St., Petersburg, Va.....	Mar. 9, 1922
CRANE, ARTHUR M. Mayor, Roselle Park, N. J.....	May 26, 1918
CRAWFORD, HOMER C. Prest. Centerville Water Co., Coopers-town, Pa.....	June 6, 1919
CRICHTON, ANDREW B. Secty and Trs., Portage Water Co., Johnstown, Pa.....	Jan. 29, 1915
CRIPPS, GEORGE E. Supt., Water Works Repair Dept., 18 Eagle St., Rochester, N. Y.....	June 8, 1909
CROLL, EMIL A. Supt. Water Works, Iron Mountain, Mich....	Sept. 7, 1893
CROUNSE, AVERY F. Mgr. Sanitor Construction Co., 4323 Dupont Ave., So., Minneapolis, Minn.....	May 8, 1920
CROWLEY, CORNELIUS M. Water Registrar, St. Paul, Minn....	Oct. 18, 1918
CROZIER, RAY. Engr. and Supt., Peoria Water Works, Peoria, Ill.....	Feb. 5, 1915
CUDDEBACK, ALLAN W. Engr. and Supt. Passaic Water Co., 158 Ellison St., Paterson, N. J.....	June 7, 1904

CULLINGS, EDWARD S. 123 Haley Street, Watertown, N. Y....	June 27, 1922
CULYER, THURSTON C., C.E. 135 East 95th St., New York, N. Y.....	June 26, 1910
CUNNINGHAM, JOSEPH T. Supt., Flatbush Wtr. Wks. Co., 48 St. Pauls Place, Brooklyn, N. Y.....	Nov. 25, 1921
CURRIE, C. H. Cons. Engr., Webster City, Ia.....	Apr. 20, 1920
CUTTS, FRANCIS T. Asst. Water Com'r., 34 East Grand Ave., St. Louis, Mo.....	June 15, 1914
DAILY, CORNELIUS M. Engr. in Chge. of Supply and Purif. Sect., St. Louis Water Dept., St. Louis Mo.....	Apr. 4, 1918
DALLYN, F. A., C.E. Provincial Sanitary Engineer, Spadina House, Spadina Cres., Toronto, Ont.....	Feb. 2, 1916
DALTON, P. J. Supt., Parks and Public Property, Sioux City, Ia.....	May 11, 1922
DAMES, ERWIN. 1819 Orrington Ave., Evanston, Ill.....	June 9, 1922
DANIELS, FRANCIS E. Eng. Div. State Dept. of Health, 2115 N. Second St., Harrisburg, Pa.....	Sept. 2, 1916
DAPPERT, JAMES W., C.E. Lock Box 141, Taylorville, Ill....	Oct. 23, 1914
DAVIDSON, GEORGE M. Ind. Engr., C. & N. W. Ry. Co., 226 W. Jackson Blvd., Chicago, Ill.....	Mar. 11, 1915
DAVIS, CARLETON E. Chief, Bureau of Water, Philadelphia, Pa.....	Apr. 28, 1912
DAVIS, E. E. Div. Supt., Bureau of Water, Richmond, Va....	May 12, 1908
DAVIS, FRANK J. Supt., Ansonia Water Co., 354 Main Street, Ansonia, Conn.....	May 15, 1916
DAVIS, P. D. Asst. Engr., Wm. M. Piatt, Durham, N. C.....	Jan. 12, 1922
DAVIS, W. L. Supt., Water Dept., P. O. Box 266, Ports- mouth, Va.....	July 8, 1922
DAW, LAWRENCE. Chf. Engr., Underwriters Assn. of N. Y., 700 Gurney Building, Syracuse, N. Y.....	May 9, 1916
DAY, E. L. Mgr. Princeton Water Works Co., 816 Mercer St., Princeton, W. Va.....	Mar. 27, 1922
DAY, LEONARD A. Chf. Mech. Engr., St. Louis Water Dept., 34 E. Grand Ave., St. Louis, Mo.....	Apr. 24, 1917
DEBERARD, W. W. Western Editor, <i>Engineering News-Record</i> , 1570 Old Colony Bldg., Chicago, Ill.....	June 3, 1912
DECKER, A. CLINTON. Sanitary Engr., Fairfield, Ala.....	June 2, 1914
DECKER, DAVID A. City Water Engineer, Norfolk, Va.....	June 21, 1920
DECROW, DAVID A. Mgr. Wtr. Wks. Dpt. W. P. and M. Cpn., 115 Broadway, New York, N. Y.....	May 26, 1920
DENMAN, CHARLES SING. Genl. Mgr. Des Moines Water Co., Des Moines, Iowa.....	Dec. 10, 1915
DENNETT, ROBERT C. Hyd. Engr., c/o Natl. Board Fire Underwriters, 76 William St., New York, N. Y.....	May 15, 1914
DEVENDORF, EARL. Asst. San. Engr. St. Dept. of Hlth., 1239 Albany St., Schenectady, N. Y.....	May 22, 1919
DEVILBISS, H. ROLAND. Washington Suburban Sanitary Dist., Hyattsville, Md.....	Apr. 10, 1922
DEVINE, WM. J., C.E. Supt., Ambler Spring Water Co., Ambler, Pa.....	Aug. 18, 1907
DIGGS, JOHN C. San. Engr., Department of Conservation, 152 State Capitol, Indianapolis, Ind.....	Sept. 9, 1919
DIGNAN, B. T. Chem. and Bact., City Water Works, Niagara Falls, N. Y.....	Apr. 10, 1919
DILL, H. A. Supt., Water Works, Richmond, Ind.....	May 16, 1900
DISHNER, PAUL J. Supt., Water Dept., High Point, N. C.....	July 27, 1920
DITTOE, W. H. Chief Engr., State Department of Health, Columbus, Ohio.....	Mar. 28, 1914

DIVEN, J. M. Secty. American Water Works Assn., 153 W. 71st St., New York, N. Y.....	Apr. 16, 1884
DIVEN, J. M., Jr., C. E. 235 W. 71st St., New York, N. Y....	June 17, 1913
DIXON, FREDERIC JOHN. Chf. Engr. Staffordshire Wtr. Wks., 264 Paradise St., Birmingham, England.....	Aug. 18, 1919
DIXON, G. GALE. Cons. Engr., Finance Bldg, Cleveland, O..	June 21, 1920
DOANE, NORMAN D. Chst. and Baet., Indpls. Wtr. Co., 2343 Ashland Ave., Indianapolis, Ind.....	May 31, 1921
DODD, RENNIE I. Chemical Engr., P. O. Box 1353, Charleston, W. Va.....	Apr. 10, 1922
DONAHUE, JAMES P. Davenport, Ia.....	Apr. 16, 1884
DONOHUE, JERRY. Prest., Donohue Engineering Co., Sheboygan, Wis.....	June 20, 1922
DONALDSON, WELLINGTON. 36 Jarvis Place, Lynbrook, N. Y..	Apr. 29, 1910
DONNELLY, RICHARD V. Sanitary Engineer, 77 Arlington Ave., East Orange, N. J.....	Apr. 7, 1917
DOOLEY, P. J. Supt., Water Works, 319 Third Ave., Joliet, Ill.....	May 15, 1922
DORRANCE, FRANK YOUNG. Divn. Engr., Montreal Water Bd., 341 Brock Ave., North, Montreal West, P. Q.....	July 14, 1920
DOTEN, LEONARD S. War Dept. Office Q. M., 1819 West Pershing Rd., Chicago, Ill.....	Aug. 19, 1914
DOUGHERTY, MR. ROBERT E. Supt. West Palm Beach Water Co., West Palm Beach, Fla.....	Feb. 7, 1922
DOUGLAS, RAY E. Supt. Water Works, Canandaigua, N. Y....	Mar. 31, 1919
DOW, ALEX. 2000 Second Ave., Detroit, Mich.....	Aug. 4, 1919
DOWD, JOHN E. Chst. & Bet., w/N. S. Hill, Jr., 112 East 19th St., New York, N. Y.....	Mar. 4, 1922
DOWNES, JOHN R. Green Brook Park, Bound Brook, N. J....	July 10, 1906
DRAKE, CHESTER F. Div. Supt., Pittsburgh Filtration Plant, Aspinwall, Pa.....	Apr. 27, 1910
DRAKE, EDWARD, C.E. New Bedford, Mass.....	Jan. 29, 1921
DRAKE, WILLIAM O. City Engr., Supt. Public Works, City Hall, Corning, N. Y.....	Apr. 30, 1917
DRINKWATER, ERNEST. Cons. Engr. and City Engr., St. Lambert, No. Montreal, P. Q.....	June 4, 1920
DRUAR, JOHN F. Cons. Engr., 513-14 Globe Bldg., St. Paul, Minn.....	Nov. 18, 1919
DUFFY, JAMES M. Village Engineer, Mamaroneck, N. Y....	June 6, 1922
DUGGAN, THOMAS R., Ph.D., F.I.C. Chemists Club, 52 East 41st St., New York, N. Y.....	Dec. 9, 1913
DUMOULIN, W. L. Asst. Gnl. Supt., New Cornelia Copper Co., Ajo, Arizona.....	June 18, 1910
DUNHAM, H. F., C.E. 32 West 40th St., New York, N. Y....	Apr. 16, 1884
DUNLAP, FRED C. Consulting Engineer, Oak Lane, Philadelphia, Pa.....	May 12, 1908
DUNLAP, JOHN H. Secretary, American Society of Civil Engineers, 33 West 39th St., New York, N. Y.....	Apr. 7, 1917
DUNN, WM. CAREY. Chemist, Box 541, Cristobal, C. Z.....	Nov. 12, 1919
DUNWOODY, J. S. Supt., Water Department, Erie, Pa.....	June 5, 1913
DURLAND, SMITH N. Cashier, Queens Co. Water Co., 15 John St., Far Rockaway, N. Y.....	Jan. 29, 1914
DURST, J. ARTHUR, M.E. 112 N. Broad St., Philadelphia, Pa.	May 15, 1914
DWYER, CORNELIUS. 18 Chuctanunda St., Amsterdam, N. Y..	Apr. 11, 1914
DWYER, JOHN D. Chairman, Water & Sewer Board, 228 Spring St., Medford, Mass.....	May 24, 1922
EARL, GEORGE GOODELL. Genl. Supt., 402 Sewerage and Water Bd. Bldg., New Orleans, La.....	July 18, 1907

EARL, RALPH. Hyd. Engr., c/o Sewerage and Water Board, Water Purification Dept., New Orleans, La.....	June 6, 1916
EARLY, F. A. Supt., Water Works, Brampton, Ont.....	May 24, 1922
EASTWOOD, JOHN THOMPSON. Prin. Asst. Engr., Sewer and Water Bd., City Hall Annex, New Orleans, La.....	May 24, 1909
EDWARDS, WILLIAM R. Asst. Supt. Passaic Water Co., 156 Ellison St., Paterson, N. J.....	Apr. 2, 1914
EHRHART, C. L. Supt. Water Works, Box 187, Boone, Ia....	Apr. 30, 1919
ELDREDGE, GUY. Vacaville, Cal.....	Dec. 29, 1916
ELDRIDGE, H. D. Treas., Princeton Water Company, Prince- ton, N. J.....	Apr. 14, 1916
ELLIOTT, G. A. Chf. Engr., Spring Valley Water Co., 1270 Sacramento St., San Francisco, Cal.....	May 15, 1918
ELLIS, E. W., C.E. Box 482, Honolulu, T. H.....	Sept. 26, 1921
ELLIS, GEORGE R. 11 South LaSalle St., Chicago, Ill.....	July 18, 1907
ELLIS, N. RANDALL. Valtn. Engr. City Atty. Office, 453 City Hall, San Francisco, Cal.....	June 9, 1920
ELLS, JOSEPH W. Cons. Engr., 1263 Cook Ave., Lakewood, Cleveland, Ohio.....	Oct. 21, 1919
ELLSWORTH, HARRY. Supt. Water and Light Dept., Mead- ville, Pa.....	July 18, 1907
ELROD, HENRY E. Cons. Engr., Elrod Bldg., 3206 Elm St., Dallas, Tex.....	Feb. 2, 1916
ELY, HOWARD M. Superintendent Water Co., Danville, Ill....	June 8, 1909
ELY, JOHN STANTON. Asst. Engr., Bur. of Water, 796 City Hall, Philadelphia, Pa.....	Mar. 20, 1922
EMERSON, C. A., JR. Chf. Engr. Penna. State Dept. of Health, Harrisburg, Pa.....	May 12, 1908
EMERSON, FRANK. City Engr. and Supt. Water Dept., Pea- body, Mass.....	Nov. 12, 1919
ENANDER, E. H. Engr., Distribution Public Service Co. Northern Ill., 75 W. Adams St., Chicago, Ill.....	June 27, 1922
ENGEL, P. N. 333 W. 25th Place, Chicago, Ill.....	June 12, 1919
ENGER, M. L. Prof. Mechanics and Hydraulics, Univ. of Ill., Urbana, Ill.....	Mar. 11, 1915
ENGH, HARRY MARIUS. Mgr. Pub. Util. Dept., American Appraisal Co., Milwaukee, Wis.....	Mar. 25, 1916
ENGLAND, R. G., C.E. Fargo Engineering Co., 304 Common- wealth Bldg., Jackson, Mich.....	Sept. 2, 1914
ENO, F. H., C.E. Ohio State University, Columbus, Ohio....	Dec. 2, 1913
ENSLow, LINN HARRISON. San. Engr., State Dept. of Hlth., 110 Capitol St., Richmond, Va.....	Aug. 16, 1918
ESCOTT, IVAN. Asst. Gnl. Insptr., Home Ins. Co., 56 Cedar St., New York, N. Y.....	Apr. 20, 1921
ETNYRE, S. L. Supt. Water Works, Council Bluffs, Iowa.....	May 10, 1915
ETZEL, GEORGE C. Analyst, 1101 12th Ave., Rock Island, Ill..	June 5, 1916
EVERETT, CHESTER M. Of Hazen, Whipple and Fuller, 30 E. 42nd St., New York, N. Y.....	May 10, 1915
EVERETT, JASPER W. Supt., Penobscot Co. Wtr. Co., Orono, Me.....	May 5, 1922
EVERETTE, DR. WILLIS EUGENE. Consulting Technologist, 1749 Que St., N. W., Washington, D. C.....	Dec. 29, 1913
EVINGER, M. I. Cons. Civ. and San. Engr., Sta. A., Lincoln, Neb.....	Jan. 31, 1910
EWING, JAMES. Hunter Dist. Water Sup. and Sew. Bd., New- castle, N. S. W., Australia.....	Nov. 5, 1913
EYMER, HERMAN H. City Engineer, Saginaw, Mich.....	June 4, 1912
FAGER, E. P. Bet. and Chst., Dearborn Chem. Co., 1029 W. 35th St., Chicago, Ill.....	Aug. 5, 1920

FAIRCHILD, W. H.	Mgr. Pub. Util., Galt, Ont.	June 9, 1915
FALES, ALMON L.	Cons. Engr., 14 Beacon St., Boston, Mass.	Feb. 26, 1921
FALLER, C.	Supt., Carlisle Gas and Water Co., Carlisle, Penn.	May 8, 1909
FARRAR, H. L.	Dist. Mgr., Southern Illinois Gas Co., Murphysboro, Ill.	Oct. 21, 1920
FARRELL, JAMES W. D.	Asst. Supt., Water Works, 3025 Rae St., Regina, Sask.	Feb. 23, 1920
FARRELL, THOMAS S.	1303 West Blvd., Cleveland, O.	June 7, 1921
FEENEY, A. J.	Asst. Engr. and Supt. Water Dept., Wilming- ton, Del.	Apr. 30, 1919
FEETER, SILAS S.	City Engr. & Supt. Water Works, Little Falls, N. Y.	Oct. 22, 1921
FEIST, MARTIN	Supt. Mch. Eqpt. St. P. Wtr. Wks., Dayton's Bluff Stn., B. 4, St. Paul, Minn.	May 13, 1919
FELIX, GEORGE H.	138 N. Ninth St., Reading, Pa.	Sept. 7, 1893
FELLOWS, C. L.	Water Works Engineer, 39 Lowther Ave., Toronto, Can.	June 7, 1904
FENKELL, GEORGE H.	Supt. and Gnl. Mgr. Bd. Wtr. Comnrs., Cor. Jefferson and Randolph, Detroit, Mich.	June 21, 1920
FEREBEE, JAMES L.	c/o Sew. Comm., City Hall, Milwaukee, Wis.	Sept. 2, 1914
FERGUSON, EMERY E.	Supt., West Virginia Water & Electric Co., Charleston, W. Va.	Apr. 10, 1922
FERGUSON, HARRY FOSTER	Chf. Eng., State Dept. of Hlth., Springfield, Ill.	Nov. 9, 1914
FERGUSON, JOHN B.	C.E. Hagerstown, Md.	Sept. 30, 1919
FERGUSON, S. F.	Cons. Engr., 10 E. 44th St., New York, N. Y.	Dec. 5, 1914
FERRIS, T. E.	Chrmn. Wtr. Comnrs., Niagara Falls, Ont.	Feb. 10, 1921
FIELD, FREDERICK E.	Engr. Water Bd., 135 Ballantyne Ave., Montreal, West, P. Q.	June 21, 1920
FIELD, WILLIAM T.	Municipal Engineering, Flower Bldg., Watertown, N. Y.	Apr. 27, 1910
FIESLER, FRED A.	145 E. High St., Edwardsville, Ill.	June 20, 1922
FILBERT, WILLIAM D.	Womelsdorf Consol. Water Co., Womelsdorf, Pa.	Apr. 27, 1910
FILBY, ELLSWORTH L.	State San. Engr., State Bd. of Hlth., Columbia, S. C.	Feb. 7, 1922
FINKLE, F. C.	Cons. Hyd. Engr., 449 I. W. Hellman Build- ing, Los Angeles, Cal.	June 24, 1912
FINLAY, W. S., JR.	Vice Pres. Amer. Wtr. Wks. and El. Co., 50 Broad St., New York, N. Y.	Nov. 30, 1920
FINLEY, CHAS. A.	Managing Engr., Bureau of Water, Pitts- burg, Pa.	Apr. 27, 1910
FINNERAN, GEO. H.	Supt. Water Service, 710 Albany Ave., Boston, Mass.	Feb. 18, 1921
FISCHER, CHARLES H.	Fire Protn. Engineer, 2844 Hudson Blvd., Jersey City, N. J.	June 27, 1914
FISCHER, WALTER A.	Cons. Engr., 727-38th St., San Pedro, Cal.	June 14, 1919
FISHER, E. A.	Consulting Engineer, Rochester, N. Y.	June 4, 1912
FISHER, GEORGE E.	Engr., Arkwright Mut. Fire Ins. Co., 31 Milk St., Boston, Mass.	Oct. 10, 1919
FISHER, L. A.	P. O. Box 198, Concord, N. C.	Jan. 27, 1914
FITHIAN, FRANK S.	Chief Clerk, Water Dept., City Hall, Camden, N. J.	Feb. 8, 1916
FLAA, INGWALD E.	Asst. Engr., Spring Valley Water Co., 375 Sutter St., San Francisco, Cal.	May 14, 1915
FLACK, HORACE E.	Executive, Dept. Legislative Reference City Hall, Baltimore, Md.	June 16, 1919

FLAD, EDWARD. 1312 Chemical Bldg., St. Louis, Mo.....	July 23, 1919
FLANNERY, WILLIAM. M. E. Dept., W. S. G. and E., N. Y., 97 Park Ave., Brooklyn, N. Y.....	Mar. 9, 1921
FLEMING, VIRGIL R. 204 Lab. App. Mech., Urbana, Ill.....	Apr. 14, 1915
FLINN, ALFRED DOUGLAS. Secty. United Eng. Soc., Room 1617, Eng. Soc. Bldg., New York, N. Y.....	Mar. 1, 1916
FLOWER, G. E. San. Engr., Room 211 City Hall, Cleveland, Ohio.....	June 8, 1921
FOERSTER, JOHN ADDISON. Mangr., Hydro-Electric & Water Works Coms., Kincardine Ontario.....	Apr. 24, 1922
FOERSTERLING, DR. HANS. The Abor Farm, Jamesburg, N. J.	June 12, 1916
FOLEY, HARRY F. Supt., Water Bureau, 196 Riverdale Ave., Yonkers, N. Y.....	Feb. 7, 1922
FOLLIN, JAMES W. Staff Engr., Bureau of Municipal Re- search, 805 Franklin Bank Bldg., Philadelphia, Pa.....	May 16, 1922
FOLWELL, A. PRESCOTT. Editor, <i>Municipal Engineering Con- sultant</i> , Pa k Row Bldg., New York, N. Y.....	July 10, 1916
FOREMAN, CHARLES S. General Superintendent Water Dept., 3rd Floor, City Hall, Kansas City, Mo.....	June 21, 1920
FORSBERG, OLE. Chst., Oliver Iron Mining Co., Hibbing, Minn.....	Mar. 14, 1921
FORRISTEL, F. E. Supt. Water Works, Eveleth, Minn.....	June 9, 1919
FOSS, W. E. Dctr. and Chf. Engr., Water Dvn., Mtrptn. Dist. Comn., 1 Ashburton Place, Boston, Mass.....	July 10, 1906
FOSTER, CHARLES. Cons. Engr., 512 Selwood Bldg., Duluth, Minn.....	June 9, 1919
FOULKS, JOHN A. Chf. Engr., Divn. of Wtr., Newark, N. J....	Dec. 23, 1921
FOWLER, ARTHUR G. Supt. Water Works, R. F. D. 3, Cumber- land, Md.....	Apr. 27, 1910
FOWLER, EDW RD A. Asst. Engr. 207 Swrge. and Wtr. Bd. Bldg., New Orleans, La.....	Apr. 27, 1910
FOX, CHARLES J. Supt. Peoples' Water Co., Oskaloosa, Iowa.	Nov. 12, 1920
FOX, CHARLES L. Asst. Supt., Pennsylvania Water Co., 712 South Avenue, Wilkinsburg, Pa.....	June 4, 1912
FOX, ROBERT L. City Engr., 37 E. Broad St., Bethlehem, Pa.....	May 24, 1922
FRANCIS, G. C. Supt. Spr. Rsk. Dpt. C. F. U. A., Room 1102, 36 Toronto St., Toronto, Ont.....	Feb. 10, 1921
FRANCIS, WALTER J. Cons. Engr., 260 St. James St., Mon- treal, Canada.....	Apr. 4, 1916
FRANK, FRED W. Secty. and Mgr. Water Works, Brantford, Ont., Can.....	July 18, 1907
FRAZIER, J. W. Cons. Engr., 1223 Illuminating Bldg., Clevel- and, O.....	June 8, 1921
FREDRICK, W. DAYTON. Bridgeton Water Works, Bridgeton, N. J.....	May 12, 1914
FREEBURN, H. M. Dist. Engr., State Bd. of Hlth., 1109 N. Second, St., Harrisburg, Pa.....	May 5, 1922
FREEMAN, ALLEN W. Res. Lecturer, Hygiene & Pub. Hlth., Johns Hopkins, 310 W. Monument St., Baltimore, Md....	July 12, 1922
FREILING, HENRY J. Mgr., Clinton Lt. and Wtr. Co., Clinton, Mo.....	May 12, 1914
FRENCH, D. W. Supt. Hackensack Water Co., P. O. Box 96, Weehawken, N. J.....	May 29, 1920
FRENCH, DUDLEY K. Chemist, Dearborn Chemical Co. 2005 McCormick Building, Chicago, Ill.....	May 25, 1919
FRENCH, E. V., M.E. 185 Franklin St., Boston, Mass.....	July 10, 1906
FRETTER, A. H. Supt., Water Works, 603 S. Broadway, Medina, O.....	Feb. 7, 1922

FRITZE, LUCIUS A. c/o Borromite Co. of America, 417 S. Dearborn St., Chicago, Ill.....	Jan. 15, 1916
FUERTES, JAMES H. Cons. Engr., 140 Nassau St., New York, N. Y.....	July 10, 1906
FULLER, GEORGE W. 170 Broadway, New York, N. Y.....	June 15, 1898
FULLER, W. A. Cons. Engr., 1917 Railway Exc. Building, St. Louis, Mo.....	Oct. 14, 1914
FULLER, WESTON E., C.E. 30 East 42nd St., New York, N. Y.	May 27, 1922
FURMAN, ROBERT W. Chf. Chemist, Water Purification Works, 1443 Kenyon Drive, Toledo, Ohio.....	May 25, 1922
GABY, FREDERICK A. Chf. Engr., Hydro-Electric Power Com. of Ont., 190 University Ave., Toronto, Ont., Canada.....	Feb. 8, 1916
GADD, ROBERT F., C.E. Prest. Bd. Wtr. Comrs., 36 Pearl St., Hartford, Conn.....	Sept. 30, 1920
GALLAGHER, H. A. Mgr. Water Co., Independence, Mo.....	June 8, 1909
GANE, O. A. Secty. & Treasr., Winter Haven Wtr., Ice & Lt. Co., Winter Haven, Fla.....	May 25, 1922
GANNETT, FARLEY. Prest., Gannett, Seelye and Fleming, Engrs., 204 Locust St., Harrisburg, Pa.....	Nov. 29, 1919
GARDNER, JOHN CARLETON, C.E. 37½ Queen St., Niagara Falls, Ont.....	June 1, 1921
GARMAN, H. O. Consulting Engineer., 2062 N. Meridian St., Indianapolis, Ind.....	May 30, 1916
GASCOIGNE, GEORGE B. Consulting Sanitary Engr., 648 Leader-News Bldg., Cleveland, O.....	June 16, 1920
GATES, H. V. Prest., Hillsboro Power and Invest. Co., Hillsboro, Oregon.....	June 7, 1904
GAUB, JOHN. 504 Irving St., N. W., Washington, D. C.....	Oct. 13, 1913
GAVETT, WESTON. Analyst, 312 W. 5th St., Plainfield, N. J.....	Nov. 10, 1914
GAYNOR, KEYES C. Cons. Engr., 527-8 Trimble Building, Sioux City, Ia.....	May 7, 1917
GEAR, PATRICK. Supt. Water Dept., Holyoke, Mass.....	June 24, 1913
GELSTON, W. R. Supt. Water Works Commission, Quincy, Ill.....	May 7, 1907
GENSHEIMER, GEORGE C. Secty. Comrs. of Water Works, Erie, Pa.....	June 22, 1919
GEORGIA, FREDERICK RAYMOND. Dept. of Chemistry, Cornell Univ., Ithaca, N. Y.....	May 16, 1919
GERARDY, MAURICE N. Pitometer Opt., 176 E. Jefferson Ave., Detroit, Mich.....	Mar. 16, 1922
GERBER, WINFRED D. Civil and Sanitary Engineer, 1611 Fargo Ave., Chicago, Ill.....	Apr. 19, 1915
GERHARD, NORMAN P., C.E. Scarsdale, New York, N. Y.....	Oct. 21, 1919
GETTRUST, J. S. Supt. Akron Filt. Plnt., Kent, O.....	June 8, 1921
GIBSON, JAMES E. Manager & Engr., Water Dept., 14 George St., Charleston, S. C.....	May 1, 1922
GICLAS, ELL. Chf. Engr., Arizona Lumber and Timber Co., Flagstaff, Ariz.....	June 27, 1905
GIDEON, ABRAHAM, C.E. Chief Engineer, Sewer and Water Works Construction, Manila, P. I.....	June 8, 1909
GIESEY, JESSE K., C.E. Of Fuller and McClintock, 319 Summit-Cherry Bldg., Toledo, Ohio.....	Sept. 30, 1919
GILCRIST, CHARLES B. Supt., Water Works, Newburgh, N. Y.	May 25, 1922
GILKISON, GEORGE F. Chf. Chst. Water Dept., 3632 Flora Ave., Kansas City, Mo.....	Apr. 24, 1920
GILLESPIE, C. G. 4136 Manila Ave., Oakland, Cal.....	June 10, 1911
GIVEN, CHARLES W. Supt., Water Works, Monrovia, Calif..	June 8, 1922

GLACE, IVAN M. Dist. Engr., Pa. Dept. of Hlth., 22 S. 22nd St., Harrisburgh, Pa.	Nov. 30, 1921
GLADDING, R. D. P. O. Box 217, Wilson, N. C.	May 29, 1920
GLANNAN, PETER HUGH. Supt. Commonwealth Wtr. Co., W. O. Dvn., 22 Northfield Road, West Orange, N. J.	June 8, 1921
GLYNNE, HARRY N. Wtr. Sup. Engr., Drawer K, New Haven, Conn.	Aug. 12, 1922
GOCHNAUER, HARRY W. 646 South Webster Ave., Green Bay, Wis.	Nov. 1, 1916
GOEBEL, L. H. San. Engr., w/Wallace and Tiernan Co., Box 178, Newark, N. J.	Aug. 1, 1919
GOEBEL, NORMAN J., B.Sc. Water Works Engr., City Hall, Oshawa, Ont.	Mar. 9, 1921
GOENTNER, WILLIAM B. 221 W. Mt. Carmel Ave., Glenside, Pa.	June 8, 1909
GOLDSMITH, CLARENCE. Asst. Chf. Engr., Natl. Bd. Fire Underwriters, Room 401, 209 W. Jackson Blvd., Chicago, Ill.	Dec. 27, 1915
GOLDSTEIN, MAURICE. Junior C. E., Water Dept., 212 N. Collington St., Baltimore, Md.	June 9, 1922
GOOD, TIMOTHY W. Supt. Water Works, Cambridge, Mass.	Feb. 7, 1920
GOODELL, J. M., H.E. 106 Lorraine Ave., Upper Montclair, N. J.	Apr. 27, 1894
GOODMAN, ARNOLD H. San Engr., San. Dist. of Chicago, Riverside, Ill.	Dec. 23, 1921
GOOSEN, HENRY. Owner Fairfield Water Works, Fairfield, Solano Co., Cal.	Nov. 3, 1919
GORDON, Fred G. Hyd. Engr., w/D. H. Maury, 1445 Monadnock Block, Chicago, Ill.	June 8, 1921
GORDON, JAMES P. 11 Tyndall Ave., Toronto, Ont.	June 21, 1920
GORE, WILLIAM. Cons. Engr., Confederation Life Bldg., Toronto, Ont.	May 30, 1910
GOUDEY, RAY F. San. Engr., 821 Pacific Finance Bldg., Los Angeles, Cal.	Apr. 30, 1918
GOULD, HARRY W. Supt. Pmpg. Stn., Water Works Park, Detroit, Mich.	Mar. 20, 1922
GOW, CHARLES R. Engr. and Contr., 25 Montview St., West Roxbury, Mass.	May 5, 1921
GRAF, AUGUST V. Chief Chemist, St. Louis Water Works, 34 East Grand Ave., St. Louis, Mo.	June 15, 1914
GRAFF, CHARLES W. Supt. Filtration, 706 W. King St., York, Pa.	Nov. 30, 1918
GRAFF, HANS, JR. Engr. U. S. Army Engrs., 3350a 33rd St., San Francisco, Cal.	Oct. 30, 1920
GRAHAM, GEORGE A. 1139 Market St., Jacksonville, Fla.	Dec. 11, 1919
GRAHAM, JAMES W. 16 Casco St., Portland, Me.	June 4, 1912
GRANT, ALEXANDER, C.E. 6 Queensgate, Inverness, Scotland.	Dec. 27, 1920
GRANTHAM, C. M. Supt. Water Dept., Goldsboro, N. C.	Jan. 6, 1916
GRAY, PERCY. Mgr., Jefferson Electric Co., Jefferson, Ia.	Nov. 30, 1917
GRAY, R. F., C.E. Lusk, Wyo.	Mar. 26, 1919
GREELEY, SAMUEL A. 39 W. Adams St., Chicago, Ill.	July 11, 1907
GREEN, F. W. Supt. Filtration and Pumping, Montclair Water Co., Little Falls, N. J.	Dec. 22, 1915
GREEN, GEORGE W. Supt., Stamford Township Water Works, Niagara Falls, Ont.	Apr. 6, 1920
GREEN, PAUL EVANS. Civil and Sanitary Engineer, 400 N. Michigan Ave., Chicago, Ill.	Apr. 14, 1915
GREENALCH, WALLACE, C.E. R. F. D. 4, Greenwich, N. Y.	July 18, 1917
GREGORY, JOHN HERBERT. Cons. Engr., Prof. Civ. and San. Eng., The Johns Hopkins Univ., Baltimore, Md.	Apr. 1, 1910

GRIFFEY, H. A. Supt. Water Dept., City Hall, Janesville, Wis.....	June 14, 1920
GRIMES, EDWIN L. Engr., J. B. McCrary Eng. Corp., 244 Peoples St., Atlanta, Ga.....	Feb. 23, 1920
GRIMMER, ALLAN K. Town Engineer, Riordon Company, Limited, Temiskaming, Que.....	June 2, 1920
GROBBEL, DANIEL CORNELIUS. Asst. Secty., Bd. Wtr. Commrs., Detroit, Mich.....	Oct. 17, 1920
GROENIGER, WILLIAM C. Cons. San. Engr., 500 Clinton Bldg., Columbus, O.....	May 8, 1922
GROTZ, WILLIAM A. Assistant Engr. Bureau of Water, 50 Lake View Ave., Buffalo, N. Y.....	June 8, 1921
GRUETZMACHER, CLARENCE S. 3125 Chestnut St., Milwaukee, Wis.....	June 5, 1920
GUNNING, HARRISON, B.E. c/o Eberly & Stebinger, Sec. K., 560 Avenida de Mayo, Buenos Aires. A. R.....	Nov. 12, 1919
GUSHEE, EDWARD G. 2nd. Asst. Eng., Bureau of Water, 2122 N. 28th St., Philadelphia, Pa.....	May 12, 1908
GWINN, DOW R. President Water Co., Terre Haute, Ind.....	Sept. 7, 1893
HABERMAYER, GEORGE CONRAD. Civil and Sanitary Engr., 57 Chemistry Bldg., Urbana, Ill.....	Apr. 14, 1915
HADDEN, S. C. Editor and Gl. Mgr., <i>Municipal and County Engineering</i> , 702 Wulsin Bldg., Indianapolis, Ind.....	July 8, 1911
HALE, CHARLES. Divnl. Supt. Water Works, 5 Woodstock Ave., Montreal, Canada.....	Apr. 24, 1920
HALE, FRANK E., PH.D. Director of Laboratories, Mt. Prospect Laboratory, Brooklyn, N. Y.....	May 12, 1908
HALE, RICHARD KING, C.E. 545 Chestnut Hill Ave., Brookline, Mass.....	June 10 1911
HALL, FRANKLIN H. Supt., Water Works, L. B. 226, Port Clinton, Ohio.....	Mar. 27, 1922
HALL, H. F. Chf. Engr., Water Works Dept., Northern Apts., Sarnia, Ont.....	June 21, 1920
HALL, HARRY R. Dpty. Chf. Engr., Washington Suburban Sanitary District, Hyattsville, Md.....	May 8, 1915
HALL, J. W. Mgr., San Joaquin Dist., Water Dept., Pacific Gas and Electric Co., Stockton, Cal.....	June 7, 1907
HALL, JOHN A., C.E. Box 407, Devils Lake, N. D.....	Mar. 20, 1920
HALLERS, JOHN A. Chst., Ind. Svce. Corp. of Va., 4 Dynamite Ave., City Point, Va.....	Apr. 27, 1922
HALPIN, GEORGE R. 703 16th St., Watervliet, N. Y.....	June 13, 1916
HALPIN, THOMAS F. c/o A. P. Smith Mfg. Co., East Orange, N. J.....	July 18, 1901
HAMLIN, G. W. Asst. Engr. Divn. of Water, 12913 Beechwood Ave., S. E., Cleveland, O.....	June 8, 1921
HAMMOND, R. B. Supt. Water Dept., Blue Island, Ill.....	June 8, 1919
HAMMOND, W. H. Supt., Lindsay Water Works, Lindsay, Ont., Can.....	June 24, 1914
HANCOCK, EDWIN. Cons. Engr., 2047 Ogden Ave., Chicago, Ill.....	Nov. 12, 1919
HANNA, DAVID McLEAN. Supt. of Water Works, City Hall Windsor, Ont.....	June 9, 1920
HANNAN FRANK. Chst., Fltn. Plant, 181 Willow Ave., Toronto, Ont.....	July 30, 1921
HANSEN, A. E. Hyd. and San. Engr., 2 Rector St., New York, N. Y.....	Dec. 31, 1917
HANSEN, PAUL. c/o Pearse Greeley & Hansen, 39 West Adams St., Chicago, Ill.....	June 4, 1912
HAPGOOD, LYMAN P. Supt. Dept. of Water and Light, Box 253, Jamestown, N. Y.....	June 8, 1909

HARDER, H. J. City Engr., 692 Fourteenth Ave., Paterson, N. J.	Dec. 4, 1920
HARDING, C. T. Supt. Water and Light Dept., 516 Chestnut St., Virginia, Minn.	Feb. 27, 1917
HARDING, GEORGE. Mgr., 1105 Paulsen Building, Spokane, Wash.	Oct. 10, 1912
HARDING, JAMES C., C.E. 170 Broadway, New York, N. Y.	July 12, 1922
HARDING, JAMES C. JR., C.E. 170 Broadway, New York, N. Y.	June 6, 1922
HARDING, JOHN H. Supt. Water Works, La Porte, Ind.	May 14, 1918
HARDING, ROBERT J. Vice Prest., San Antonio Water Supply Co., 106 Market St., San Antonio, Texas.	Oct. 23, 1914
HARDY, EDWARD DANA. Asst. Engr., United States Engineer Office, Room 250 Old Land Building, Washington, D. C.	May 12, 1908
HARPER, L. V. Mgr., Chelan Electric Co., Chelan, Wash.	Aug. 19, 1914
HARRIS, R. C. Com'r. of Works, City Hall, Toronto, Ont., Can.	May 12, 1914
HARRUB, C. NELSON. San. Engr., c/o State Bd. of Hlth., Nashville, Tenn.	Apr. 16, 1914
HART, EDWARD W. Grand Hotel, Council Bluffs, Ia.	Mar. 4, 1922
HARTLEY, GEO. H. Adtr. and Pch. Agt., Box 532, Norwood, Del. Co., Pa.	Apr. 7, 1920
HASKINS, C. A. Cons. Engr., 517 Finance Bldg., Kansas City, Mo.	June 19, 1914
HASSLER, Dr. SAMUEL F. Supt. Public Safety, 500 No. Second St., Harrisburg, Pa.	May 29, 1920
HATCH, DONALD M. Reg. Civ. Engr., 18 Vine St., Wyandotte, Mich.	May 26, 1920
HATFIELD, WILLIAM DURRELL. Water Dept., City Hall, Highland Park, Mich.	Jan. 31, 1917
HATTON, T. CHALKLEY. Chief Engineer, City Hall, Milwaukee, Wis.	June 11, 1902
HAUPT, B. W. Secty., Roaring Creek and Bear Gap Wtr. Cos., 204 E. Sunbury St., Shamokin, Pa.	Mar. 16, 1922
HAVILL, HAROLD THOMAS. Asst. Engr., Dept. Wtr. Sup. New York City, 51 North St., Mt. Vernon, N. Y.	June 11, 1902
HAWLEY, GEORGE W. Secty. and Treasr. Water Co., Dixon, Ill.	June 21, 1920
HAWLEY, GEO. W. Engr. in Charge, Water Supply Investgn. & Constn., East Bay Water Company, Oakland, Cal.	June 30, 1922
HAWLEY, W. C. Chf. Engr. and Genl. Supt., Pennsylvania Water Co., 712 South Ave., Wilkinsburg, Pa.	Apr. 27, 1910
HAYDOCK, CHARLES. Engr., Mountain Wtr. Sup. Co., 922 Commercial Trust Bldg., Philadelphia, Pa.	Feb. 17, 1919
HATFORD, B. B. Superintendent Water Works, Waukesha, Wis.	June 8, 1909
HAYWOOD, G. C. Under-Secty. for Water Supply, 56 James St., Perth, West Australia.	May 7, 1921
HAZEN, ALLEN. Civil Engineer, 42nd St. Building, New York, N. Y.	May 27, 1896
HAZLEHURST, GEORGE H. Chf. San. Eng., Montgomery, Ala.	Nov. 1, 1914
HAZLEHURST, J. G. Pritchard-Raines-Hazlehurst Co., Savannah Bnk. and Trst. Bldg., Savannah, Ga.	Feb. 27, 1920
HEARD, ALBERT. Supt. and Treas., Hagerstown, Md.	July 18, 1907
HEATON, W. M. Treasr., Pueblo Water Works, Pueblo, Col.	May 23, 1921
HECHMER, CARL A. Dept. Engr., Mtnc. and Optg. Dept., Wash. Subn. San. Dist., Hyattsville, Md.	Nov. 3, 1919
HEERMANS, H. C. Manager Water Works Co., Hoquiam, Wash.	June 26, 1886

HEFFELFINGER, J. MILTON. Div. of Engr. and Const., City Hall, Cleveland, O.....	Mar. 11, 1918
HELLING, HARRY A. Supt., Consol. Water Co., 86 Beekman St., North Tarrytown, N. Y.....	Jan. 17, 1922
HENBY, WM. H. Secty. and Mgr., West St. Louis Water and Light Co., 6600 Delmar Ave., St. Louis, Mo.....	May 6, 1915
HENDERSON, CHARLES R. Mgr. Davenport Water Co., Davenport, Iowa.....	June 18, 1901
HENDRICK, WALLACE M. 11 Clarkson Ave., Brooklyn, N. Y....	May 10, 1915
HENDRY, W. A. Chf. Engr., Water Works, 628 West 9th St., Waterloo, Ia.....	Nov. 25, 1921
HENRY, R. G. City Manager, Hickory, N. C.....	Nov. 30, 1921
HENRY, WARREN, M. E. Ill. Com. Comm., 606 W. Lawrence Ave., Springfield, Ill.....	Apr. 3, 1922
HENSHAW, FRANKLIN. Supt. Wtr. Wks., Scarsdale, N. Y.	Sept. 21, 1920
HERING, RUDOLPH, D.Sc. Consulting Engineer, 1 W. 70th St., New York, N. Y.....	July 14, 1887
HERR, J. O. Supt. Atlantic County Water Co., of N. J., Box 411, Pleasantville, N. J.....	June 5, 1916
HESS, EDWIN WESLEY. Cons. Engr., Kratzer Bldg., Clearfield, Pa.....	Jan. 16, 1920
HETZER, MENTOR. Mgr. Moundsville Water Co., Moundsville, W. Va.....	Nov. 17, 1916
HICKS, J. S. Superintendent Water Co., Berwick, Pa.....	Dec. 8, 1910
HIGGINS, LAFAYETTE, C.E. San. Engr. State Bd. of Health, 1144 W. 25th St., Des Moines, Ia.....	Dec. 10, 1915
HIGHLAND, SCOTLAND G. Secty., Treasr. and Genl. Mgr., Clarksburg Water Board, Clarksburg, W. Va.....	Feb. 10, 1913
HILL, ALBERT B. Cons. C. E., 100 Crown St., New Haven, Conn.....	Oct. 30, 1914
HILL, JOHN W. Consulting Engineer, 45-47 Bodmann Bldg., Cincinnati, Ohio.....	June 26, 1886
HILL, NICHOLAS S., JR. Cons. Engr., 112 E. 19th St., New York N. Y.....	June 18, 1901
HILSCHER, RALPH. State Board of Health, 102 Civ. Eng. Bldg., Berkeley, Cal.....	Nov. 9, 1914
HINMAN, JACK J., JR. Assoc. Prof. Sanitation, State Univ. Ia., and Chf. Water Labty. Divn., S. B. of H., Iowa City, Ia.	Apr. 21, 1915
HOAD, PROF. WILLIAM CHRISTIAN. 1023 Martin Place, Ann Arbor, Mich.....	June 24, 1913
HOAG, GEORGE F. Fire Prevention Engr., 76 William St., New York, N. Y.....	June 2, 1920
HOAG, PERCY LATOURETTE. Hyd. Engr., Manhasset, L. I., N. Y.	June 28, 1919
HOAGLAND, IRA GOULD. Secty., National Automatic Splkr. Assn., 80 Maiden Lane, New York, N. Y.....	Apr. 27, 1910
HOBBY, ARTHUR S., C.E. P. O. Box 1903, Havana, Cuba.....	June 8, 1909
HODGKINS, H. C. Civil Engineer, 415 Dillaye Bldg., Syracuse, N. Y.....	Apr. 18, 1888
HODGMAN, BURT B., C.E. 50 Church St., New York, N. Y.....	July 18, 1907
HODKINSON, THOMAS. Supt., Water Works, 14 King St., London, Ont., Canada.....	Apr. 15, 1913
HOFFMASTER, GEORGE EDWARD. 44 Bay View Ave., New Rochelle, N. Y.....	May 13, 1916
HOGAN, JOHN PHILIP. Cons. Engr., 13 East 11th St., New York, N. Y.....	June 9, 1920
HOLBROOK, ROYAL H. Comb. Engr., Ia. State College, 1420 Second Ave., Cedar Rapids, Ia.....	Sept. 8, 1919
HOLDEN, CHARLES A., C.E. Detr., Thayer Sch. of Civ. Eng., Hanover, N. H.....	Oct. 21, 1919

HOLDREDGE, LEIGH I. San. Engr., w/Wallace and Tiernan Co., 27 Ford Ave., Oneonta, N. Y.....	Apr. 20, 1920
HOLLAND, RAY KINGSBURY. Holland, Ackerman & Holland, Consulting Engineers, 106 E. Liberty St., Ann Arbor, Mich.....	Jan. 17, 1919
HOLMES, A. G. P. O. Box 1200, East Pittsburgh, Pa.....	July 10, 1906
HOLMES, M. G. Supt. Water Works, Rochester, Minn.....	Aug. 16, 1918
HOLMES, MAJOR EDWARD. Mgr., Chem. Dpt. Natl. Lime Assn., 918 G St., N. W., Washington, D. C.....	Jan. 20, 1922
HOLWAY, A. S. Supt. Water Dept., Oklahoma City, Okla.....	June 9, 1921
HOMMON, HARRY B. San. Engr., U. S. P. H. S., 76 New Montgomery St., San Francisco, Cal.....	July 27, 1921
HOOVER, CHARLES P. Chemist, Filtration Plant, Columbus, Ohio.....	Mar. 14, 1913
HOPKINS, CHARLES COMSTOCK. Hydraulic and Sanitary Engr., 349 Cutler Building, Rochester, N. Y.....	June 10, 1911
HOPKINS, EDWARD S. Chemist, Baltimore Wtr. Dpt., 904 Ninth St., Orangeville, Baltimore, Md.....	June 13, 1921
HOPKINS, FRANKLYN C. Prest. Consol. Water Co., 712 Washington St., Utica, N. Y.....	June 16, 1919
HOPKINS, NEWTON F. Civil Engineer, 801 Home Trust Bldg., Pittsburgh, Pa.....	July 18, 1907
HOPPER, WALTER C. Supt. Acquackanonk Water Co., 145 Prospect St., Passaic, N. J.....	June 10, 1911
HORN, J. F. Prest. Water Co., Vandergrift, Pa.....	Oct. 10, 1919
HORNE, ALFRED DEWEY. Supt. Water and Lt. Comn., Fairmont, Minn.....	Nov. 12, 1920
HORNER, CHARLES M. Supt. Water Works Co., 1705 State St., East St. Louis, Ill.....	June 24, 1903
HORNUNG, GEORGE. Consulting Civil and Mech. Eng., 512 Fairfield Ave., Bellevue, Ky.....	July 14, 1887
HORRIGAN, WILLIAM JAMES. 1st Lt. U. S. Army Engineering Office, Camp Knox, Ky.....	July 26, 1921
HORTON, ROBERT E., H.E. R. D. 1, Voorheesville, N. Y.....	Jan. 20, 1911
HORTON, THEODORE. Chf. San. Engr., Department of State Engineer, 206 Lancaster St., Albany, N. Y.....	July 18, 1907
HOUGH, LAURENCE C. Asst. Engr., Pitometer Co., E. Falls Church, Va.....	Jan. 17, 1919
HOUSTON, L. J., JR. City Mgr., Fredericksburg, Va.....	Feb. 17, 1919
HOWARD, CHARLES D. Chemist, State Bd. of Hlth., Concord, N. H.....	Feb. 18, 1921
HOWARD, N. J. Baet. in Chge., Filtn. Plant Labty., Centre Island, Toronto, Ont.....	June 21, 1920
HOWE, M. J. Supt., Bd. Water Comnrs., Lake City, Minn...	Feb. 11, 1922
HOWELL, DAVID J., C.E. Union Trust Building, Washington, D. C.....	Oct. 19, 1914
HOWELL, FRED B. Bd. of Wtr. Comnrs., Medina, N. Y.....	July 20, 1920
HOWES, D. W., C.E. 168 Grand St., Newburgh, N. Y.....	May 25, 1922
HOWLAND, E. ROBERT. c/o The British Pitometer Co., 39 Victoria St., London, S. W. I., England.....	Apr. 22, 1914
HOWSON, LOUIS R. Alvord, Burdick & Howson, 130 Eighth Ave., LaGrange, Ill.....	Apr. 24, 1916
HOY, JOSEPH A. Asst. Genl. Foreman, Water Dept., 18 East Worcester St., Worcester, Mass.....	May 15, 1922
HUBBELL, CLARENCE W. Cons. Engr, 2348 Penobscot Building, Detroit, Mich.....	June 24, 1903
HUBERT, E. H. Chf. Engr., Pumping Dept. of Water, Norfolk, Va.....	May 15, 1922
HUDSON, LEO. Cons. Engr., 705 Fifth Ave., Arcade Bldg., Pittsburgh, Pa.....	July 7, 1913

HUGGANS, R. D. Mgr. Water Works, Streator, Ill.....	Apr. 19, 1915
HUNTER, HENRY G. N. Y. Continental Jewell Filtn. Co., 1011 New Birks Building, Montreal, Canada.....	June 10, 1911
HUNTER, T. B. Consulting Engineer, 703 Rialto Building, San Francisco, Cal.....	July 10, 1906
HUNTER, W. W. Supt., Canal & Water Works, Augusta, Ga..	May 24, 1922
HURD, CHARLES H. 1405 Merchants Bank Bldg., Indianapolis, Ind.....	Aug. 11, 1914
HUTCHINS, WILL A. Secty. and Supt. Water Co., 196 Van Buren St., Freeport, Ill.....	Nov. 30, 1920
HUTCHINSON, ALEXANDER, C.E. Dctr. Drummond, McCall and Co., P. O. Box 660, Montreal, P. Q.....	May. 5, 1921
HUTTON, HAROLD S. San. Engr., Oliver Bldg., Pittsburgh, Pa.	Apr. 1, 1920
HUY, HARRY F. Genl. Mgr. Western New York Water Co., 704 Electric Building, Buffalo, N. Y.....	Apr. 13, 1916
HYDE, CHARLES GILMAN. Cons. Hyd. and San. Engr., Prof. San. Eng., Univ. of Cal., Berkeley, Cal.....	July 18, 1907
HYMAN, H. H. Mgr. Miami Water Co., Miami, Fla.....	Apr. 16, 1916
INMAN, A. W. Supt. Massillon Water Supply Co., Massillon, Ohio.....	Nov. 19, 1915
INMAN, C. E. Commr. and Supt. Water Works, Warren, O....	May 24, 1921
INOUE, S. 290 Harajiku, Tokyo, Japan.....	July 18, 1907
ISAAC, F. N. Sec. and G. M., The Hanford Water Co., Han- ford, Cal.....	May 12, 1908
JACKSON, C. B. Supt. City Water Corp., Fresno, Cal.....	Aug. 18, 1920
JACKSON, DANIEL D. San. Expt, Havemeyer Hall, Columbia University, New York, N. Y.....	Jan. 31, 1910
JACOBS, JOSEPH. Cons. C. E., 613-616 Thomson Bldg., Seattle, Wash.....	July 30, 1920
JACOBS, S. WILLARD. Chem. Engr., 18 East 41st St., New York, N. Y.....	Feb. 5, 1919
JACOBSEN, ROBERT T. City Engr., Fargo, N. D.....	Apr. 16, 1914
JANZIG, ALEXANDER C. Wtr. Bact. & Chst. Filtn. Plant, 904 20th Ave., S. E., Minneapolis, Minn.....	Oct. 11, 1921
JARVIS, ALEXANDER CHARLES. Osterbrogade 40, Copenhagen, Denmark.....	May 5, 1914
JENES, HARRY NEVILLE. Sanitary Engineer, 1560 LeRoy Ave., Berkleley, Cal.....	Jan. 26, 1917
JENNE, LYLE L. Sanitary Engr., Bureau of Water, 795 City Hall, Philadelphia, Pa.....	June 30, 1921
JENNINGS, CHARLES A. Room 507, 180 N. Market St., Chicago, Ill.....	May 12, 1908
JENSEN, ANDREW M., C.E. 420 Powell Bldg., Fresno, Cal....	Feb. 9, 1920
JENSEN, J. ARTHUR. Supervisor Water Works Dept., Minne- apolis, Minn.....	Apr. 15, 1910
JENSEN, J. CHRIS. Municipal Water Works, Council Bluffs, Ia.....	June 3, 1912
JENSEN, MARION A. 718 E. Second St., Superior, Neb.....	Feb. 22, 1918
JEUP, B. J. T. Chf. Engr., Ind. Water Co., 113 Monument Circle, Indianapolis, Ind.....	Feb. 22, 1920
JEWELL, ALBERT H. Chf. Engr., State Bd. of Health, 1636 New Hampshire St., Lawrence, Kans.....	Apr. 15, 1921
JOHNS, HERBERT M. Supt., Hanford Water Co., Hanford, Cal.....	Oct. 17, 1920
JOHNSON, EDGAR W. Asst. Engr., Water Dept., 3821 Elliot Ave., Minneapolis, Minn.....	July 13, 1917
JOHNSON, GEORGE A. Cons. Engr., 150 Nassau St., New York, N. Y.....	July 18, 1907

JOHNSON, H. E. Supt. Public Utility Plant, Winona, Miss....	Dec. 22, 1912
JOHNSTON, WILLIAM J. Supt., Water Works, Marquette, Mich.	Mar. 10, 1917
JOHNSTONE, ALAN, M.E., C.E. San. and Hyd. Engr., 2124 Ellis Ave., New York, N. Y.....	June 16, 1919
JONES, A. J. Prest. New Brunswick Trust Co., New Brunswick, N. J.....	Apr. 16, 1884
JONES, HARVEY P. Mgr. Toledo Office, Fuller & McClintock, 319 Summit-Cherry Bldg., Toledo, O.....	July 30, 1922
JONES, HIRAM F. Supt. Water Works, 823 Walnut St., Elmira, N. Y.....	July 18, 1907
JONES, H. SEAVER. V. Prest., East Jersey Pipe Co., 7 Dey St., New York, N. Y.....	July 16, 1922
JONES, J. M. Bristol and Warren Water Works, Bristol, R. I.	May 9, 1916
JONES, WILLIAM ALLEN. Asst. Engr., Pitometer Co., 230 Belmont Ave., Detroit, Mich.....	Nov. 8, 1920
JONES, WILLIAM CLAYTON. 426 Market St., Camden, N. J....	May 14, 1914
JONES, WILLIAM NELSON, C.E. 421 Produce Exchange Bldg., Kansas City, Mo.....	Apr. 14, 1914
JORDAN, FRANK C. Secy. Water Co., 113 Monument Place, Indianapolis, Ind.....	June 10, 1911
JORDAN, HARRY E. San. Engr., Water Co., 113 Monument Circle, Indianapolis, Ind.....	Oct. 7, 1919
JUDSON, JOHN W. Chf. Acct. Dpt. Sts. and Pub. Impvts., Newark, N. J.....	June 12, 1920
JUSTIN, JOEL DEWITT. Ludlow Engineers, Winston-Salem, N. C.....	Nov. 25, 1921
JUTZ, CHARLES E. Treasr. W. St. L. Water and Lt. Co., 6600 Delmar, St. Louis, Mo.....	Apr. 12, 1920
KABLE, EDGAR P. Genl. Mgr. Water Co., 42 East Market St., York, Pa.....	Nov. 10, 1917
KAHN, LEON I. Comr. of Public Utilities, Shreveport, La....	May 24, 1916
KAPOUSTINE, THEO. N. San. Engr., 323 Ebgecomb Ave., No. 7, New York, N. Y.....	Aug. 31, 1917
KAPPLER, WILLIAM F. Sr. Engr., Dvn. of Wtr., Newark, N. J.....	Dec. 23, 1921
KASTBERG, KARL C. City Engineer, Box 922, Des Moines, Ia..	June 7, 1904
KAY, EDGAR B. Chf. Hyd. & San Branch., Q. M. C., 1400 Fairmont St., N. W., Washington, D. C.....	Apr. 27, 1910
KEATING, CHARLES STANLEY. Asst. Engr., Bureau of Water, Syracuse, N. Y.....	May 16, 1919
KEEFER, CLARENCE EDWARD. Asst. Dsng. Engr., Sewer Dvn., City Hall Annex No. 1, Baltimore, Md.....	Feb. 23, 1920
KEELER, H. E. Room 633, The Rookery, Chicago, Ill.....	July 14, 1887
KEILS, ANTHONY. Supt., Mt. Clemens Water Works, 38 Moross Ave., Mt. Clemens, Mich.....	June 8, 1909
KELIHER, TIMOTHY. Supt. Williamsport Water Co., Williamsport, Pa.....	Feb. 15, 1917
KELLOGG, JAMES WILFORD. Bct. and Chst., State Lab. of Hyg., Raleigh, N. C.....	June 10, 1921
KELLY, ROBERT D. Engr., Underwriters Assn. of N. Y., 700 Gurney Bldg., Syracuse, N. Y.....	June 8, 1921
KELSEY, J. W. Genl. Supt. Bureau of Water, St. Paul, Minn.	May 13, 1913
KEMBLE, F. T. Secty. New Rochelle Water Co., 238 Main St., New Rochelle, N. Y.....	June 24, 1915
KENDALL, THEODORE REED. Eng., Editor, <i>The American City</i> , 303 So. Broadway, South Nyack, N. Y.....	Mar. 13, 1919
KEOGH, WILLIAM J. Asst. Engr., Dept. of Water, 175 12th Ave., Long Island Citv, N. Y.....	June 13, 1922
KERN, PETER. Mgr. Water Dept., Fort Madison, Ia.....	Aug. 31, 1917

KIENLE, JOHN A. San. Engr., 25 W. 43rd St., New York, N. Y.	June 8, 1909
KILLAM, SAMUEL E. Supt. Distbn. Setn. Wtr. Divn., 1 Ashburton Place, Boston, Mass.	Nov. 25, 1915
KIMBALL, FRANK C. Secty. and Asst. Treasr. Commonwealth Water and Light Co., Summit, N. J.	June 11, 1902
KIMMEL, J. G. Cons. Engr., 5 and 6 Parker Bldg., Arcadia, Fla.	May 17, 1920
KING, ARNOTT CHISWELL. 145 Hamilton Ave., Paterson, N. J.	Apr. 20, 1921
KINGMAN, HORACE. Comr. and Supt., City Hall, Brockton, Mass.	Mar. 17, 1916
KINGSLEY, JOHN F. Supt. Water Works, Covington, Ky.	June 9, 1920
KINNETT, J. D. Chmn. Bd. Water Cmnrs., Macon, Ga.	Jan. 23, 1919
KINNEY, HOWARD C. Mgr. Waterloo Water Co., Waterloo, N. Y.	June 11, 1919
KINTER, S. G. Supt., Wtr. Co., Jersey Shore, Pa.	May 24, 1922
KIPP, FREDERICK M., JR. Asst. Engr., City Water Dept., 3705 Chestnut Road, Baltimore, Md.	May 24, 1922
KIRK, CLARENCE L. Prest. Indianapolis Water Co., 113 Monument Place, Indianapolis, Ind.	June 8, 1907
KIRKPATRICK, WALTER G. Cons. Hyd. Engr., 2103 Erdman Ave., Baltimore, Md.	Apr. 27, 1910
KLAPP, CARL F. Supt. Water Works, Everett, Wash.	Oct. 7, 1917
KLARE, R. W. Mgr., Wabash Water and Light Co., Wabash, Ind.	June 24, 1915
KLAUS, FRED J. Asst. Engr., East Bay Water Co., 2414 Dana St., Berkeley, Cal.	Oct. 2, 1915
KLEIN, FEDERICO. Cia Alumbrado Electrico, San Salvador, C. A.	Apr. 2, 1918
KLEIN, WILLIAM I. Cons. Engr., Suite 3002, 165 Broadway, New York, N. Y.	July 1, 1913
KLINGBERG, W. Civil Engr., 50 Church St., New York, N. Y.	Mar. 10, 1906
KNEEN, A. H., C.E. 112 N. Broad St., Philadelphia, Pa.	Jan. 8, 1911
KNICKERBACKER, JOHN, C.E. Prest. Eddy Valve Co., 86 First St., Troy, N. Y.	June 24, 1913
KNISELY, J. HERMAN. Chief, Bureau of Municipalities, Harrisburg, Pa.	July 17, 1916
KNOUSE, HOMER V. Asst. Supt. and Purch. Agt., Met. Water Dist., 200 City Hall, Omaha, Neb.	Sept. 21, 1918
KNOWLES, CLARENCE R. Supt. Water Service, I. C. R. R., 6627 Woodlawn Ave., Chicago, Ill.	June 4, 1913
KNOWLES, MORRIS. Cons. Engr., 1200 Jones Law Bldg., Pittsburgh, Pa.	July 18, 1907
KNOX, STUART K. 10 Granada Place, Montclair, N. J.	June 8, 1909
KOON, RAY EMERSON. Stevens & Koon, Cons. Engrs., Spalding Bldg., Portland, Ore.	Feb. 11, 1922
KRAUSE, MARK C. Cons. Engr., Susquehanna Trust Bldg., Williamsport, Pa.	May 26, 1916
KRESS, B. Practising Munic. Engr., Box 804, Elkins, W. Va.	Aug. 3, 1921
KRIEGSHEIM, HEINRICH. c/o The Permutit Co., 440 Fourth Ave., New York, N. Y.	May 11, 1915
KUSSMAUL, TAYLOR. Supt., Water and Light, 305 Ohio St., Newark, Ohio.	Jan. 31, 1919
LACOUNT, H. O. Mgr., Inspn. Dept. Factory Mutual Ins. Co., 124 College Ave., West Somerville, Mass.	May 12, 1908
LAPLIN, ALBERT A. Supt. Water Works, St. Stephen, N. B.	June 10, 1920
LAFRENIERE, THEO. J. San. Engr., Board of Health of P. Q., 59 Notre Dame East, Montreal, Canada.	June 24, 1916
LAMEY, FRANK T. Supt. New Chester Water Co., 422 East 20th St., Chester, Pa.	May 11, 1921

LANDBACK, C. A. Prest. Bd. Wtr. Comnrs., 186 Market St., Perth Amboy, N. J.	May 9, 1921
LANDMANN, L. B. Supt. Capital City Water Co., Jefferson City, Mo.	Sept. 2, 1914
LANPHER, E. E. Division Supt., Bureau of Water, 412 City County Bldg., Pittsburgh, Pa.	Apr. 8, 1922
LARMON, FRANK P. Chf. Engr., Met. Water Dist., Omaha, Neb.	Apr. 17, 1914
LASSO, ALFREDO F. Ing. Civ., Obras Sanitarias de la Nacion, Buenos Aires, R. Argentina.	Sept. 26, 1917
LAURIE, EDWARD. Cons. Engr., 243 Bleury St., Montreal, P. Q.	June 21, 1920
LAUTER, CARL J. Chief Chemist, Washington Filtration Plant, McMillan Park, Washington, D. C.	Apr. 13, 1922
LAUTZ, W. E. Secty. and Mgr., Pekin Water Works, Pekin, Ill.	Nov. 14, 1915
LAWLOR, FRANCIS D. H. Superintendent Citizens Water Co., Burlington, Iowa.	July 10, 1906
LAWRENCE, E. A. Cons. Civ. and Munic. Engr., 511-12 Hart- man Bldg., Columbus, Ohio.	Apr. 6, 1921
LAWRENCE, W. C. Supt. Filtn., W. 32nd and Division, Cleveland, O.	June 21, 1920
LAWRENCE, W. H. Supt. Water Works, Box 362, Kalispell, Mont.	Dec. 16, 1919
LAWTON, RALPH W. 137 North Van Ness Ave., Los Angeles, Cal.	July 10, 1906
LEA, RICHARD S. Cons. Engr., 340 University St., Montreal, Canada.	May 12, 1908
LEARNED, ALBERT P. Asst. Engr., with Black & Veatch, 701 Mutual Bldg., Kansas City, Mo.	May 15, 1922
LECLERC, PIERRE. 36 DeLaroche St., Montreal, Canada.	May 2, 1917
LEDDEN, ERNEST M. 404 Fourth Ave., New York, N. Y.	Apr. 5, 1912
LEDoux, J. W. Cons. Engr., 112 N. Broad St., Philadelphia, Pa.	July 18, 1907
LEE, CHARLES H. Cons. Hyd. Engr., 58 Sutter St., San Fran- cisco, Cal.	Mar. 21, 1912
LEERSKOV, A. D. Supt. Municipal Water Works, Lock Box 128, Brush, Col.	Apr. 1, 1918
LEET, J. N. Supt. Water Dept., North East, Pa.	May 4, 1911
LEGENDRE, A. A. Mgr. El. Lt. and Wtr. Plnts., Marianna, Ark.	July 15, 1921
LEISEN, THEODORE A. Civ. Engr., Bd. Water Comnrs., Water Works Park, Detroit, Mich.	June 7, 1904
LENHARDT, LAURENCE G. City Engr., Pontiac, Mich.	June 10, 1920
LEONARD, W. D. Mgr., Water, Lt. & Gas Plant, 101 N. Main St., Ft. Atkinson, Wis.	July 21, 1922
LEOPOLD, F. B. 437 House Bldg., Pittsburgh, Pa.	May 11, 1914
LESAGE, THOMAS WILLIAM. Engr., Water Works Dept., City Hall, Montreal, Canada.	Apr. 24, 1916
LESLIE, JAMES. Canada Fire Udtrs. Assn., Coristine Bldg., Montreal, Canada.	May 5, 1920
LETTON, H. P. Grant, Fulton and Letton, Engrs., 505 Bankers Life Bldg., Lincoln, Neb.	Dec. 23, 1914
LEVERING, GEORGE S. Hydraulic Engr., Bureau of Water, City Hall, Philadelphia, Pa.	May 24, 1922
LEVINE, MAX. Assoc. Prof. Bactlgy., Iowa State College, Ames, Ia.	Nov. 30, 1921
LEVY, A. G. Asst. Engr. Div. of Water, 9405 Hough Ave., Cleveland, Ohio.	May 17, 1910
LEWIS, JOHN V. Engr. in Chge. Swg. Disp. Wks., 4 Nott Terrace, Schenectady, N. Y.	Feb. 18, 1921

LIGHTFOOT, J. C., JR. N. J. Water Service Co., 1307 Real Estate Trust Bldg., Philadelphia, Pa.	May 11, 1914
LIRA, LEONARDO. Chf. Engr. of Inspt. Water Works, Casilla 492, Santiago, Chile.	Sept. 9, 1919
LITCH, M. B. Chst. in chge. of Filters, 631 Pine St., Steelton, Pa.	May 1, 1922
LITTLE, BEEKMAN C. Supt. Water Works, 44 City Hall, Rochester, N. Y.	June 24, 1903
LIVEZEY, W. B. Prest. Newport News Lt. and Water Co., Newport News, Va.	May 10, 1915
LOCHRIDGE, ELBERT E. Engineer Water Dept., P. O. Box 1238, Springfield, Mass.	July 10, 1906
LOFTON, H. M. Chattanooga, Tenn.	May 25, 1895
LONG, A. G., M.D. Detr. Di n. Bet. & Path., Ind. State Dept. of Hlth., Indianapolis, Ind.	May 15, 1920
LONG, GEORGE J. Prest., Inter-State Water Co., Louisville, Ky.	May 24, 1915
LONG, JAMES H. Chief Engr., City Hall, Camden, N. J.	May 13, 1919
LONGLEY, FRANCIS F. c/o Ministry of Health, Melbourne, Australia	July 18, 1907
LOOMIS, E. L. Supt., Valparaiso Home Water Co., Valparaiso, Ind.	July 10, 1906
LORD, CHARLES H. Supt. Water Works, Ogdensburg, N. Y.	Aug. 10, 1918
LORD, FRANKLIN B., JR. Queens County Water Co., Cedarhurst, L. I., N. Y.	Jan. 9, 1911
LOTT, ERSKINE H. V. P. & Gnl. Mgr., Supt., Flatbush Water Works Co., 785 Flatbush Ave., Brooklyn, N. Y.	May 26, 1916
LOUNDSBURY, WM. C. Genl. Mgr., Superior Water, Lt. and Power Co., Superior, Wis.	May 12, 1908
LOVEJOY, WM. H. Supt. Filtration, Louisville Water Co., Louisville, Ky.	June 4, 1908
LOWTHER, BURTON. Chf. Engr. and Gnl. Spt. Wtr. Wks., 1654 Broadway, Denver, Col.	June 21, 1921
LUCAS, HUGH L. Supt., Water Pipe Extension, 404 City Hall, Chicago, Ill.	Mar. 25, 1910
LUCE, ARTHUR T., C.E. Supt., Des Moines Mun. Wtr. Plnt., Des Moines, Ia.	Apr. 10, 1919
LUCE, FRANCIS H. Supt. Woodhaven Water Supply Co., Woodhaven, N. Y.	May 12, 1914
LUDLOW, J. L. Con. Engr., Winston-Salem, N. C.	June 7, 1904
LUSCOMBE, WILLIAM. Vice Prest. Gary Heat, Light and Water Co., Gary, Indiana.	May 12, 1908
LUTHER, J. N. Supt. Water Works, South Bend, Ind.	Mar. 14, 1918
LUTHY, FRED. Chf. Engr. Water Dept., Orange, N. J.	June 8, 1921
LYKKEN, H. G. Chf. Engr., Chas. S. Pillsbury Co., 1200 2nd Ave., Minneapolis, Minn.	May 27, 1922
LYONS, B. F. V. Prest. and Genl. Mgr., Beloit Water, Gas and Elec. Co., Beloit, Wis.	May 12, 1908
McALARY, ALLAN. Supt. & Treasr., Camden & Rockland Water Co., Box 161, Rockland, Me.	Apr. 18, 1922
McALPINE, A. H. Genl. Western Agt., Hersey Mfg. Co., 211 Schultz Bldg., Columbus, Ohio.	Apr. 27, 1889
McAMIS, JAMES W. Supt., Water Works, Greeneville, Tenn.	Sept. 12, 1921
McARTHUR, F. City Engr., Guelph, Ont.	Feb. 10, 1921
McCAFFREY, WM. A. Supt. Water Works, 191 E. 6th St., Oswego, N. Y.	June 21, 1920
McCALEB, WM. B. Gnl. Supt. Wtr. Cos. Pa. R. R., Rm. 922, Coml. Trst. Bldg., Philadelphia, Pa.	Sept. 30, 1919

McCARTHY, WILLIAM. Superintendent Water Works, Bluefield, W. Va.	May 12, 1908
McCLASKEY, GEORGE G. Cons. Engr., 501 Renkert Bldg., Canton, O.	June 9, 1921
McCLENAHAN, W. T. 39 W. Adams St., Chicago, Ill.	Apr. 7, 1914
McCLINTOCK, JAMES R. 421 Prod. Exc. Bldg., Kansas City, Mo.	Jan. 12, 1914
McCRADY, MAC HARVEY. Chmst. and Bact., Bd of Hlth. of P. Q., 59 Notre Dame East, Montreal, Canada.	Apr. 7, 1916
McCRUDDEN, D. A. Asst. to Chief, Bur. of Wtr., 702 City Hall, Philadelphia, Pa.	July 7, 1920
McCULLOH, E. Engr., Chas. S. Pillsbury Co., 1200 2nd Ave., Minneapolis, Minn.	May 27, 1922
McDACE, JOHN A. Water and Sewer Contr., 1992 Webb Ave., Detroit, Mich.	May 3, 1921
McDONALD, JOHN H. Prest. Bd. Water Commrs., 604 Asbury Ave., St. Paul, Minn.	June 19, 1920
McDONNELL, ROBERT E. 402 Interstate Building, Kansas City, Mo.	May 25, 1913
McELROY, FRANK M. Supt. Water Dept., City Hall, Racine, Wis.	May 23, 1921
McFARLAND, CHESTER R. Secty. and Genl. Mgr., Tampa Water Works Co., Tampa, Fla.	May 12, 1908
McGECHEN, D. J. Supt. Wyo. Valley Water Supply Co., Markle Bank Bldg., Hazleton, Pa.	June 11, 1916
McGONIGALE, WM. J. P. O. Box 2360, Louisville, Ky.	Apr. 5, 1912
McGRATH, F. R. Supt., Water Works, City Hall, Chambersburg, Pa.	May 12, 1914
McINNES, F. A. Div. Engr. Public Works Dept., 23 Salcombe St., Dorchester, Mass.	May 12, 1914
McINTOSH, WILLIAM. Asst. Field Supt., Cea Mexicana de Petroleo, El Aguila, Tampico, Mexico.	Feb. 26, 1913
McKAY, JOHN WILLIAM. Boro. Engr. Dpt. W. S. G. and E., 170 College Ave., Boro. Richmond, New York, N. Y.	Feb. 19, 1920
McKECHNIE, F. H., C.E. 401 Marlowe Ave., Montreal, Canada.	June 10, 1920
McKENZIE, S. H. Engr. and Supt. Terryville and Southington Water Works, Southington, Conn.	Apr. 14, 1916
McKEOWN, EDWARD. Supt. Water Works, Sherbrooke, P. Q.	June 21, 1920
McRAE, JOHN B. Cons. Engr., Jackson Building, Ottawa, Canada.	May 9, 1906
McREYNOLDS, B. B. Supt. Water Wks., City Hall, Colorado Springs, Col.	May 25, 1914
McWILLIAMS, C. Q. Pres. Roaring Creek Water Co., P. O. Box 17, Shamokin, Pa.	June 18, 1901
McWILLIAMS, D. E. Prest., Bear Gap Wtr. Co.; Mgr. Roaring Creek Wtr. Co., Box 17, Shamokin, Pa.	Mar. 16, 1922
MACDONALD, EMMETT. Mgr. Lincoln Water and Light Co., Lincoln, Ill.	June 7, 1904
MACDONALD, W. E. City Water Works Engineer, 21 Fourth Ave., Ottawa, Canada.	May 8, 1917
MACNAMEE, E. F., C.E. Arrow Hotel, Mamaroneck, N. Y.	June 6, 1922
MADDOCK, R. A. Chst. & Supt. Filtn., Box 1143, Charlotte, N. C.	May 26, 1920
MAFFITT, DALE L. Chemist, Des Moines Municipal Water Plant, Des Moines, Ia.	Apr. 2, 1918
MAGERSTADT, PAUL E. Desg. Engr., East Bay Water Co., 512 16th St., Oakland, Calif.	June 23, 1922
MAIN, GEO. A., M.E. Cons. Engr., 14 Baker St., Daytona, Fla.	Apr. 27, 1910

MAJESKE, JOSEPH F. Paymaster, Bd. Wtr. Comrs., Detroit, Mich.	Apr. 23, 1921
MAKEPEACE, GEORGE D. Chst. & Bact., Filtn. Plant, Division Ave. & W. 32nd St., Cleveland, O.	Apr. 27, 1922
MALLALIEU, WILLARD C. Civil and Sanitary Engr., Box 43, Middlebush, N. J.	Dec. 4, 1914
MALONEY, THOMAS. Trustee Municipal Water Works, Council Bluffs, Ia.	June 8, 1919
MANAHAN, ELMER G., C.E. c/o Fuller & McClintock, Cons. Engrs., Room 1512, 170 Broadway, New York, N. Y.	June 8, 1909
MANGUN, L. B. Chst. in Chge. of Water Pftcn., Kansas City, Kans.	Feb. 23, 1920
MANVILLE, F. D. Supt., Newport News Light and Water Co., Newport News, Va.	June 18, 1901
MANZ, LOUIS C., M.E. 1500 West Allegheny Ave., Philadelphia, Pa.	June 8, 1904
MARKHUS, O. G. F. V. P. and G. M. Boise Artn. Wtr. Co., P. O. Box 718, Boise, Idaho.	May 17, 1920
MARS, L. DONALD. Asst. San. Engr., U. S. P. H. S., 76 New Montgomery, San Francisco, Cal.	June 30, 1920
MARSHALL, L. A. Chemist, Filtn. Plant, W. 32nd St. and Detroit Ave., Cleveland, O.	May 26, 1921
MARSTON, F. A. Cons. Engr., 14 Beacon St., Boston, Mass.	Feb. 20, 1922
MARTIN, A. M. c/o Anderson, Clayton and Co., Houston, Texas.	May 12, 1908
MARTIN, J. C. Atty. for Ohio Water Works Assn., 414 Gasco Bldg., Columbus, Ohio.	May 11, 1915
MARTIN, J. T. Comnr. of Water, 1452 W. 98th St., Cleveland, O.	Aug. 18, 1920
MARTINEZ, CONRADO E. Cons. Engr., 59 Obispo St., Havana, Cuba.	June 10, 1920
MASON, S. J. Engr. and Supt. Water Works, Perth Amboy, N. J.	May 7, 1917
MASON, DR. W. P. Prof. Chemistry, Rensselaer Polytechnic Institute, Troy, N. Y.	May 18, 1892
MASSINK, A. Chst. and Bact., Central Laboratory of Holland, Utrecht, Holland.	July 20, 1921
MATTE, HUBERT P. T. Coml. Engr., Worthington Pump and Mch. Cpn., Harrison, N. J.	July 26, 1913
MATTHEWS, IRVING E. Engr., Water Works, 43 City Hall, Rochester, N. Y.	May 25, 1919
MATTHEWS, W. P. Chf. Optg. Engr., Wtr. Dept., Raleigh, N. C.	Dec. 12, 1921
MAURICE, GEORGE HOLBROOKE. C.E. Eagle Springs, N. C.	Mar. 11, 1911
MAURY, DABNEY H. 1445-6-7 Monadnock Block, Chicago, Ill.	Aug. 22, 1894
MAVITY, J. W., C.E. 724 North F. St., Wellington, Kans.	May 18, 1915
MAXON, G. T. Supt. Water Board, Cortland, N. Y.	June 10, 1919
MAXTED, HARRY T., C.E. 11513 Fairport Ave. N. E., Cleveland, O.	June 8, 1921
MAXWELL, DONALD H. Prin. Asst. Engr., with Alvord and Burdick & Howson, 1417 Hartford Building, Chicago, Ill.	Feb. 15, 1917
MAYO, WILLIAM B. c/o Ford Motor Co., Detroit, Mich.	Aug. 16, 1917
MEAD, DANIEL W., C.E. 120 West Gorham St., Madison, Wis.	Apr. 18, 1889
MEADOWS, JAMES O. San. Engr., 20 Charlevoix St., Montreal, Canada.	June 21, 1920
MEARS, BRAINERD. Prof. of Chemistry, Williams College, Williamstown, Mass.	June 24, 1915
MEGRAW, WILLIAM A. Water Engr., City Hall, Baltimore, Md.	Apr. 24, 1921

MELLEN, A. F. Box 15, St. Anthony Falls Sta., Minneapolis, Minn.....	Mar. 24, 1915
MELLERSH, T. C. Vice Prest. and Genl. Mgr., Foxcroft Bldg., San Francisco, Cal.....	Nov. 22, 1920
MELLON, T. A. Pres. Kensington Water Co., 514 Smithfield St., Pittsburgh, Pa.....	June 24, 1903
MENDELL, JAMES HERBERT. Supt. Water Works, Manchester, N. H.....	June 20, 1920
MENDELSON, ISADOR W. San. Engr., U. S. Pub. Hlth. Svce., 1527 14th St. N. W., Washington, D. C.....	Feb. 9, 1920
MENTZ, HENRY A. Asst. Engr. Munic. Eng. Dept., Magnolia, Miss.....	Oct. 7, 1919
MERCKEL, FREDERICK G. San. Engr., Wallace and Tiernan Co., 180 N. Market St., Chicago, Ill.....	Jan. 29, 1921
MERRILL, GEORGE FIELD, C.E. Supt. Water Works, Greenfield, Mass.....	Apr. 16, 1920
MERRIMAN, THADDEUS. Chf. Engr. Bd. Wtr. Sup., 2224 Municipal Bldg., New York, N. Y.....	May 29, 1920
MESSER, RICHARD. Sanitary Engr., State Department of Health, 1110 Capitol St., Richmond, Va.....	Sept. 27, 1911
METCALF, JOHN T. Asst. Engr., in Charge L. I. Watershed, 182 Lefferts Ave., Brooklyn, N. Y.....	June 7, 1916
METCALF, LEONARD. Con. Civil Engr., 14 Beacon St., Boston, Mass.....	June 24, 1903
MEYERHERM, CHARLES F. Albert F. Ganz, Inc., 511 Fifth Ave., New York, N. Y.....	Jan. 26, 1922
MEYERS, A. H. Supt., Water Co., Columbia, Pa.....	June 14, 1920
MICHE, JOHN C., C.E. Supt., Water Works Dept., Durham, N. C.....	June 24, 1903
MICKEL, CLARENCE W. Chst. Muscle Shoals, Ala.....	Aug. 8, 1922
MILLER, ARTHUR P. Jr. Asst. San. Engr. U. S. P. H. Svce., 76 New Montgomery St., San Francisco, Cal.....	Sept. 25, 1920
MILLER, CLIFFORD N. Hyd. Engr., 2807 Union Central Bldg., Cincinnati, Ohio.....	May 13, 1915
MILLER, EDWIN E. Asst. Supt. Power Plants, Hackensack Water Co., Weehawken, N. J.....	Mar. 11, 1914
MILLER, H. E. Dctr. Bur. San. Eng., State Bd. of Hlth., Raleigh, N. C.....	May 23, 1921
MILLER, J. A. Supt. Water Works, 10 West Third St., Alton, Ill.....	May 8, 1909
MILLER, J. R. 615 So. English Ave., Springfield, Ill.....	Oct. 10, 1919
MILLER, WALTER EDWARD. 1719 Madison St., Madison, Wis.....	Nov. 17, 1911
MILNE, ALEXANDER. Supt. Water Works, St. Catharines, Ontario, Can.....	June 24, 1903
MINOR, EDWARD EASTMAN. Supt. New Haven Water Co., 91 Temple St., New Haven, Conn.....	May 20, 1912
MINOR, L. O. Supt., Water Works, Plattsmouth, Nebr.....	July 8, 1922
MITCHELL, CHARLES HAMILTON, C.E. 1003 Traders Bank Building, Toronto, Canada.....	Mar. 11, 1911
MITCHELL, GEORGE. City Water Engineer, Aberdeen, Scotland.....	July 21, 1913
MITCHELL, GEO. H. Supt. Waterworks, Revenue Dept., City Hall, Toronto, Ont.....	Feb. 10, 1921
MITCHELL, JAMES J. Supt. Warren Water Co., 301 Penna. Ave., Warren, Pa.....	Oct. 21, 1920
MITCHELL, W. MONTGOMERY. Holmcroft, Gross Ile. Mich.....	May 24, 1920
MITTEN, JAMES R. Chst., Mesabi Iron Co., Babbitt, Minn.....	Nov. 14, 1921
MIZNER, HARVEY A. Supt. Euclid Village Wtr. Dept., Euclid, O.....	June 10, 1921

MOAT, CHARLES P. Chemist, Vermont State Board of Health, 2 Colchester Ave., Burlington, Vt.....	Jan. 29, 1915
MOHLER, BRUCE M. 1312 Massachusetts Ave., N.W., Wash- ington, D. C.,	Feb. 5, 1917
MOHLMAN, FLOYD W. Chf. Chst., San. Dst. of Chicago, 39th St. & Lake Michigan, Chicago, Ill.....	Oct. 22, 1921
MOHRHARDT, E. F. Secty. Bd. Fire Undwtrs. of the Pacific, 914 Merchants Exchange Bldg., San Francisco, Cal....	Oct. 10, 1917
MOLIS, WM. Supt. Water Works, Muscatine, Iowa.....	Mar. 15, 1882
MONFORT, WILSON F. Consulting Chemist, 506 N. Vande- venter Ave., St. Louis, Mo.....	July 10, 1906
MONROE, H. L. Supt. Water Works, Pontiac, Mich.....	June 10, 1919
MONTOLIEU, HENRY J., C.E. Calle B, No. 70, Entre 21 y 23, Vedado, Habana, Cuba.....	Nov. 17, 1911
MOORE, JOHN A. Mgr. Warwood Wtr. and Lt. Co., Warwood, Wheeling, W. Va.	Oct. 4, 1919
MOORE, L. E. Supt. Water Works, 1115 St. Claire St., Port Huron, Mich.....	June 8, 1921
MOORE, R. M. Secty. and Mgr., Peoples Water Co., of Palms, Cal., 1018 Trust and Savings Bldg., Los Angeles, Cal....	June 30, 1920
MORGAN, HENRY B. Mgr., Peoria Water Works Co., 143 N. Jef- ferson Ave., Peoria, Ill.	Apr. 24, 1910
MORLAN, WILBERT. Engineer, Queens County Water Co., Valley Stream, N. Y.....	May 24, 1922
MORRIS, CHARLES H. Supervisor of Water Works, New Brunswick, N. J.....	June 7, 1916
MORRIS, SAMUEL BROOKS. Chf. Engr., Water Dept., City Hall, Pasadena, Cal.....	June 10, 1920
MORROW, DAVID W., C.E. 4500 Euclid Ave., Cleveland, O..	May 8, 1922
MORSE, ROBERT B. Chf. Engr., Wash. Sub. San. Dist., Hyatts- ville, Md.	Mar. 11, 1915
MORTENSEN, FREDERICK C. Prof. Chemistry, Coe College, Cedar Rapids, Ia.....	July 20, 1920
MOSES, HOWARD E. Chf. Water & Swg. Secn., Pennsylvania Dept. of Health, 904 N. 2nd St., Harrisburg, Pa.....	Apr. 27, 1922
MOWRY, ROBERT B. c/o Wallace & Tiernan Co., Box 178, Newark, N. J.....	Aug. 8, 1919
MOYER, KENNETH L. Supt., Dept. Public Service, 6th & Walnut Ave., Niagara Falls, N. Y.....	Nov. 5, 1921
MUELLER, F. A. Chst., Met. Water Dist., Florence Labo- ratory, Florence, Neb.....	Nov. 14, 1921
MULLERGREEN, ARTHUR L. Cons. Engr., 555 Gates Bldg., Kan- sas City, Mo.....	Oct. 21, 1919
MUNDY, AMBROSE. Supt. Middlesex Water Co., Woodbridge, N. J.....	Mar. 11, 1914
MUNN, HARVEY T. Hyd. Engr., N. B. F. U., 76 William St., New York, N. Y.....	Mar. 9, 1920
MURCHIE, W. E. Mgr. Munic. Wtr. and Lt. Dpts., City Hall, Anderson, Ind.....	June 8, 1921
MURPHY, A. R., C.E. Fountain City, Tenn.....	Apr. 7, 1911
MURPHY, FRANK J. Supt. Div. of Meters, City Hall, Milwau- kee, Wis.....	May 31, 1916
MURRAY, R. M. Hyd. & Structl. Engr., 240 Avenue H, Bil- lings, Mont.....	Feb. 11, 1922
MURRIN, JOHN A. Comr. Public Property, City Hall, Rock Island, Ill.....	June 5, 1916
MUSER, E. FRED. Supt. Clear Springs Water Co., P. O. Bldg., Catasauqua, Pa.....	Dec. 22, 1920
MYERS, BEN F. Supt., Water Works, P. O. Box 240, Mar- shall, Texas.....	June 14, 1920

MYERS, RICHARD A. Mepl. Engr., S. E. Undwtrs. Assn., 3 W. 10th St., Charlotte, N. C.	Dec. 12, 1921
MYERS, ROBERT HARRISON. Pub. Util. Mgr., Stratford, Ont.	Feb. 10, 1921
MYLREA, A. J. Fire Protection Engr., 64 Wellington St., Toronto, Ont.	Mar. 12, 1919
NEBELUNG, GEORGE H. Asst. Engr., Scranton Gs. & Wtr. Co., 721 Prescott Ave., Scranton, Pa.	Oct. 11, 1921
NELSON, FRED B., C.E. 966 Anderson Ave., Highbridge, New York, N. Y.	July 18, 1907
NEVLING, J. B. Secty.-Treasr. Clearfield Water Co., Clearfield, Pa.	Oct. 16, 1914
NEWELL, C. W. Service Foreman of Maintenance, 2218 Elliott Ave., Minneapolis, Minn.	Apr. 5, 1917
NEWHALL, WILLIAM G. Asst. Supt., Portland Water District, 42 Brentwood St., Portland, Me.	Oct. 4, 1919
NEWLANDS, JAMES A. San. Engr., 11 Laurel St., Hartford, Conn.	Oct. 14, 1914
NEWSOM, REEVES J. Water Comnr., City Hall, Lynn, Mass.	Nov. 18, 1918
NEWTON, SAMUEL D. Civ. and Munic. Engr., Box 115, Cleveland, Tenn.	June 16, 1920
NEYLON, C. M. B. Supervising Engr., State Riv. and Water Sup. Com'n., Melbourne, Australia.	May 18, 1915
NIAL, WILLIAM A., C.E. Supt. Water Works, 47 State St., Troy, N. Y.	Dec. 11, 1919
NICHOLS, E. M., C.E. 27 N. 38th St., Philadelphia, Pa.	June 16, 1915
NICKERSON, GEORGE SUMNER. Hyd. Engr., Forum Bldg., Sacramento, Cal.	Nov. 12, 1920
NIGHSWONGER, HARRISON WORTH. Benham Engineering Co., Cons. Engrs., 512 Gumbel Bldg., Kansas City, Mo.	Aug. 22, 1919
NISHIOEDA, SATORU. City Planning Bureau, Home Dpt. of the Empire, Maru-no-Uchi, Tokio, Japan.	Sept. 16, 1914
NOLAN, CORNELIUS P. Supt. Water Dept., 169 Irvington Ave., So. Orange, N. J.	June 21, 1920
NOLTE, AUGUST G. Asst. Physiologist, Box 393, Ancon, C. Z.	Dec. 30, 1916
NORCOM, GEORGE D. San. Engr. Bd. of Hlth., Wilmington, N. C.	June 10, 1921
NORCROSS, PAUL H. Cons. Engr., Atlanta, Ga.	Oct. 21, 1919
NORRIS, JOHN ALEXANDER. Chairman State Bd. of Water Engrs., Capitol Sta., Austin, Tex.	June 16, 1920
NORTON, ELIOT B. Supt. Water Works Co., Cambridge, N. Y.	Oct. 21, 1919
NUEBLING, EMIL L. Chf. Engr., Bureau of Water, Reading, Pa.	May 29, 1895
NUTT, J. A. Supt. Water Works, Monongahela, Pa.	Mar. 17, 1916
O'CONNOR, PHILIP J. Supt. Filtn., 219 E. Belmont St., Warren, O.	Feb. 11, 1922
O'MALLEY, THOMAS A. Supt., Bureau of Water, 25 Quackenbush St., Albany, N. Y.	May 10, 1922
O'NEILL, PERRY. Contr. Engr., Municipal Engineering Co. 707 Pratorian Building, Dallas, Tex.	Mar. 20, 1922
O'ROURKE, JAMES. Supt. Water Works, Fulton, Ill.	Nov. 14, 1915
O'SHAUGHNESSY, M. M. City Engineer, 2732 Vallejo St., San Francisco, Cal.	July 18, 1907
OHLLIGER, L. B. Supt. Water Works, Canton, O.	Nov. 12, 1919
OLMSTED, CHARLES S. Supt., The Monterey Co. Water Works, Pacific Grove, Cal.	Apr. 16, 1916
OLSEN, WILLIAM C. Cons. Engr., P. O. Box 525, Kinston, N. C.	Dec. 12, 1921

ORCHARD, WILLIAM J. San. Engr., Box 178, Newark, N. J.	Aug. 16, 1917
ORR, ALEXANDER, C.E. Chief Engineer, Gloversville Water Works, Gloversville, N. Y.	Aug. 7, 1909
ORR, C. A. Mgr., City Wtr. and Lt. Co., Mayfield, Ky.	June 8, 1921
OSGOOD, HARRY N. Asst. City Mgr. & Purch. Agt., City Hall, Lima, O.	Feb. 11, 1922
OWENS, ROBERT B., B.A., B.E. Government Bldgs., Edmonton, Alberta, Canada.	Apr. 27, 1914
PAITTOVI, ANTONIO, C.E. Belgrano 3750, Buenos Aires, A. R. .	July 27, 1919
PALMER, MARSHALL B. Deputy Engineer, Water Supply, Syracuse, N. Y.	May 24, 1922
PARKER, C. B. Asst. Supt., Pipe System, Hackensack Water Co., Weehawken, N. J.	Dec. 5, 1914
PARKER, CHARLES T. Chief Engr., Alton Water Co., 436 Jefferson St., Alton, Ill.	Jan 30, 1915
PARKER, HORATIO NEWTON. City Bact. and Chst., Main and Orange Sts., Jacksonville, Fla.	June 16, 1920
PARSONS, CLARK D. Assoc. Engr., Filtration Divn. Bureau of Water, Porter Ave. Pumping Station, Buffalo, N. Y. .	Apr. 11, 1922
PATE, R. L. Manager City Water Co., Springfield, Mo.	June 29, 1915
PATTERSON, WM. G. Supt., 20 Ferald Ave., Highland Park, Mich.	May 29, 1911
PATTON, W. A. Pres. and Mgr. Water Co., Catlettsburg, Ky. .	June 7, 1904
PATTON, W. S. Supt. Ashland Water Works, Ashland, Ky.	May 7, 1917
PAYSON, EDGAR R. Prest. American Water Supply Co., Portland, Me.	June 27, 1905
PEARCE, LANGDON. San. Engr., The Sanitary Dist. of Chicago, S. O. Bldg., 910 S. Michigan Ave., Chicago, Ill.	Feb. 24, 1913
PEARSON, CHARLES DEARNE. Dpty. Engr. & Mgr., Wtr. Wks., Kiangse Road, Shanghai, China.	Mar. 16, 1922
PEAT, JOHN. Water Supply Engineer, Metropolitan W. S. and S. Board, Brisbane, Queensland, Australia.	Sept. 12, 1910
PECK, ERMON M. Cons. Engr., 260 Edgewood St., Hartford, Conn.	July 18, 1907
PECK, WARREN O. Supt. Bd. Wtr. Comnrs. Dunkirk, N. Y. .	June 21, 1920
PEDERSON, H. V. State San. Engr., State Bd. of Hlth., Des Moines, Ia.	Mar. 26, 1922
PEIRCE, WALTER A. Sanitary Engineer, Delavan, Wis.	June 15, 1922
PELTZ, J. G. Supt. Water Dept., Lakewood, O.	June 13, 1921
PERKINS, R. N. Coml. Chst. and Bact., 2584 Laurel Ave., Omaha, Neb.	Sept. 12, 1920
PERKINS, ROGER G. Prof. Hyg. and Prvnt. Med., E. 9th St. & St. Clair Ave., Cleveland, O.	June 3, 1921
PERROW, MOSBY GARLAND. Health Officer, Lynchburg, Va. .	Apr. 16, 1916
PERRY, H. W. Supt., Water Works, Box 647, Greenville, S. C.	Apr. 25, 1922
PERRY, WILLIAM. Hydraulic Engr., Maplewood Ave., Cote des Neiges, Montreal, Quebec.	June 26, 1886
PETERSON, LEONARD. Supt. Water Works, Power and Light Co., Crookston, Minn.	June 10, 1911
PHELPS, EARL B. Chemist, 46 Phelps Road, Ridgewood, N. J. .	Oct. 19, 1914
PHILLIPS, JOHN M. Harrison Engr. & Constr. Corp., Wichita, Kan.	July 22, 1920
PHYM, C. E. Supt., Water Works, Gastonia, N. C.	Jan. 17, 1922
PIATT, WILLIAM M. Cons. Engr., Durham, N. C.	Aug. 5, 1921
PINCUS, SOL. Assoc. San. Engr. U. S. P. H. Svce., 255 West 108 St., New York, N. Y.	Feb. 17, 1920
PIRNIE, MALCOLM. Consulting Engineer, 30 East 42nd St., New York, N. Y.	May 8, 1917

PITCHER, F. H. G. Mgr. and Ch. Engr., Montreal W. and P. Co., Place D'Armes Square, Montreal, Can.....	June 27, 1905
PLAMONDON, ADRIEN, C.E. Engineer and Contractor, 70 St. James St., Montreal, Canada.....	Mar. 22, 1916
POLLARD, W. D. Genl. Mgr. Pottsville Water Co., Pottsville, Pa.....	May 18, 1892
PORTER, D. P. Supt. Water Works, 1502 E. 8th St., Pueblo, Col.....	Sept. 22, 1916
PORZELIUS, A. F. c/o So. Pittsburgh Water Co., Mt. Oliver Stn., Pittsburgh, Pa.....	July 7, 1920
POTTEIGER, C. R. 1901 Green St., Harrisburg, Pa.....	May 26, 1920
POTTER, ALEXANDER. Consulting Engineer, 50 Church St., New York, N. Y.....	July 18, 1907
POTTS, CLYDE. Civil and Sanitary Engr., 30 Church St., New York, N. Y.....	July 10, 1906
POWELL, ALEXANDER C. Chemist, Bangor Filter Plant, Bangor, Me.....	Mar. 12, 1910
POWELL, SHEPPARD T. Chemist, Baltimore Co. Water and Electric Co., 100 W. Fayette St., Baltimore, Md.....	July 10, 1906
POWERS, JEROME, C.E. 125 Avon St., Roselle Park, N. J....	Feb. 28, 1907
PRACY, GEO. WESLEY. Supt. Spring Valley Water Co., 375 Sutter St., San Francisco, Cal.....	May 18, 1915
PRADAS, ARMANDO C. Engr. in Chge. Pvg. and Swge., Camaguey, Cuba.....	Feb. 17, 1920
PRATT, GILBERT H. Chemist and San. Engr., 30 Beech St. Belleville, N. J.....	June 5, 1916
PRAY, JOHN W. Supt. Water Works, Ft. Dodge, Ia.....	June 24, 1913
PRINCE, GEORGE T. Cons. Engr., 501 Peters Trust Bldg., Omaha, Neb.....	July 10, 1906
PROCHNOW, HENRY O. Supt. Water Works, West Allis, Wis..	June 17, 1919
PROCTOR, EDWARD M. Cons. Engr., 20 Rosemount Ave., Toronto, Ont.....	Mar. 5, 1921
PROVOST, ANDREW J., JR. San. Expert and Hyd. Eng., 39-41 West 38th St., New York City.....	May 12, 1908
PRUETT, G. C., C.E. Capt. Engrs. U. S. A., Box 775, Miles City, Mont.....	Feb. 2, 1914
PUGH, MARSHALL R., C.E. 230 Poplar Ave., Wayne, Pa.....	Apr. 8, 1905
PURDY, J. H. c/o Amer. Water Wks. and Electric Co., 50 Broad St., New York, N. Y.....	May 27, 1896
PUTNAM, GEORGE W. State Sanitary Engineer, Jefferson City, Mo.....	June 15, 1922
QUAYLE, LEROY A. Mechanical Engr., Water Dept. 1455 W. 98th St., Cleveland, Ohio.....	June 24, 1915
QUINNELL, FRED. Comnr. Public Works, Bx. 684, Roundup, Mont.....	Feb. 7, 1922
RAAB, FRANK. Chst. & Bact. Filtn. Plant, 3940 Harriet Ave., Minneapolis, Minn.....	Oct. 26, 1921
RACE, JOSEPH. Mansion House, Hereford, England.....	May 18, 1914
RADCLIFFE, JOHN L. Supt. Filtn., 663 Madison Ave., Elizabeth, N. J.....	Feb. 19, 1920
RADER, R. P. Supt. Lehigh Water Co., Easton, Pa.....	May 12, 1908
RAINS, J. M. Supt. Water Works, Lebanon, Ky.....	May 12, 1908
RAMER, CHARLES. Supt., Water Works, Keokuk, Ia.....	Mar. 23, 1922
RAMSEY, WILLIAM H. C. 632 Montgomery Ave., Bryn Mawr, Pa.....	Mar. 2, 1916
RANDALL, W. H. Mg. Dtr. Neptune Meter Co. Ltd., 1197 King St. West, Toronto, Ont.....	June 8, 1909

RANDLETT, FRED MORSE. Chf. Engr., Water Bureau, City Hall, Portland, Ore.	June 16, 1920
RANDOLPH, EDWARD. P. O. Box 300, Newport News, Va.	May 24, 1922
RANKEN, MANLEY J. Asst. Engr. Water Bd., 176 Jefferson Ave. East, Detroit, Mich.	Nov. 8, 1920
RAPP, W. M. Supt. Const. Water Dept., P. O. Box 584, At- lanta, Ga.	May 17, 1899
RASSIER, CHRISTIAN C. Supt., Water Works, 238 W. Coal St., Shenandoah, Pa.	May 24, 1922
RATHBUN, W. S. Fire Prevention Engineer, P. O. Box 1740, Denver, Colo.	Apr. 13, 1922
RAYMOND, GEORGE B. Supt. Water Dept., Danbury, Conn.	June 16, 1919
READ, LINUS G. Cons. Engr., Natl. Wtr. Mn. Clg. Co., 2147 North Ave., Bridgeport, Conn.	Nov. 30, 1921
READSHAW, G. A. 1914 Carson St., Pittsburgh, Pa.	Nov. 3, 1919
REAGAN, JOHN F., JR. 1137 Park Ave., Utica, N. Y.	July 10, 1906
REDFERN, W. BLAINE. Sec. Treas. James, Proctor & Redfern, Cons. Engrs., 115 High Park Ave., Toronto, Ont.	Nov. 12, 1919
REED, D. A. Mgr. Water and Light Dept., Duluth, Minn.	Sept. 20, 1913
REED, W. F. Supt. Water Works, Kalamazoo, Mich.	June 7, 1916
REES, S. P., C.E. International Filter Co., 826 Linden Ave., Hubbard Woods, Ill.	May 7, 1917
REEVES, O. LEE. Supt., Water Works Co., 26 South Jack- son St., Greencastle, Ind.	May 24, 1922
REID, ROBERT H. Supt., Spring Brook Water Co., Hudson Falls, N. Y.	July 12, 1922
REID, WALTER. Supt., Water Works, Springfield, Ill.	May 24, 1922
REINHARDT, HARRY. Asst. Chf. Engr., East Bay Water Co., Oakland, Cal.	Apr. 12, 1921
REINHARDT, LEO R. Water Commissioner, Enid, Okla.	May 24, 1922
REISWEBER, ALEX. G. Supt. N. F. Div. Wstr. N. Y. Wtr. Co., 401 Elderfield and Hartshorn Bldg., Niagara Falls, N. Y.	Jan. 20, 1921
REYER, GEORGE. Supt. Water Works, Nashville, Tenn.	Apr. 16, 1884
REYNOLDS, EDWIN G., JR., C.E. New Rochelle Water Co., 514 Main St., New Rochelle, N. Y.	Feb. 26, 1921
RHYNUS, CLARENCE PAULDING. 302 Produce Exchange Bldg., Toledo, O.	May 14, 1912
RICE, CLIFTON L. Genl. Del., West Palm Beach, Fla.	July 7, 1920
RICE, JOHN M. Cons. Engr., 411 Oliver Bldg., Pittsburgh, Pa.	June 8, 1921
RICHARDSON, CHARLES G. Sales Mgr., c/o Builders Iron Foundry, Providence, R. I.	July 7, 1920
RICHARDSON, H. H. Chemist, 1055 Ry. Exc. Bldg., St. Louis, Mo.	Aug. 23, 1920
RIDER, JANE H. Dctr. Ariz. State Laboratory, Tucson, Ariz.	Aug. 23, 1920
RIDLEY, CLARENCE EUGENE. Bluefields, W. Va.	Dec. 5, 1918
RINGNESS, HENRY. Supt. of Accts. Peoria Water Works Co., 143-5 N. Jefferson St., Peoria, Ill.	Sept. 8, 1919
RITCHIE, EDGAR GOWAR. Engineer of Water Supply, Met- ropolitan Board of Works, Melbourne, Australia.	Sept. 6, 1912
ROBERTS, A. B. Director Pub. Util., City Hall, Cleve- land, O.	May 3, 1922
ROBERTS, EARL I. Asst. Engr., State Dept. of Health, Columbus, Ohio.	Jan. 11, 1918
ROBERTS, HARRY N. JR. Civ. and San. Engr., Box 9, Longview, Tex.	Jan. 16, 1920
ROBERTS, JOHN S. JR. Borough Engr., Bristol, Pa.	June 19, 1920
ROBERTS, WILLIAM J. Chf. Engr., Inter County River Im- provement, 401 Court House, Tacoma, Wash.	Oct. 19, 1914
ROBINSON, BRICE J. Mgr. Mutual Water Co., Atascadero, Cal.	May 20, 1920

ROBINSON, FRANK HURD. Supt. Pub. Wks. and City Engr., Hornell, N. Y.....	June 13, 1921
ROBINSON, LEONARD C. Supt. Water and Sewer Dept., Concord, Mass.....	July 18, 1907
ROBINSON, WILLIAM P. 1700 East 3rd Ave., Denver, Colo...	June 8, 1897
RODMAN, GEORGE EDWARD. Asst. Engr. Dept. W. S. G. and E., 2449 Municipal Bldg., New York, N. Y.....	Jan. 24, 1919
ROHRBACH, WM. R. Mgr. Sunbury Water Co., Sunbury, Pa.	July 10, 1906
ROLLINS, FRANK L. Supt., Water & Sewage Purification, 914 Stewart Ave., Cambridge, Ohio.....	Apr. 18, 1922
ROMIG, C. O. Secty. and Supt. Water Supply Co., Den- nison, O.....	Oct. 23, 1917
ROOS, CHARLES M. Secty. and Supt. Cairo Water Co., Cairo, Ill.....	May 18, 1913
ROOT, W. J. Water and Light, Benson, N. C.....	July 26, 1921
ROPER, ROSWELL M. Engr. and Secty., Bd. of Water Comnrs., East Orange, N. J.....	May 10, 1919
ROSENTHAL, HELMAN. Supt., and Chf. Chmst., Water Purifi- cation Plant, Dallas, Tex.....	June 3, 1918
ROSENTERER, HERMAN. Engr. of Water Supply, City Hall, Newark, N. J.....	Mar. 12, 1908
ROSS, CHAS. H. Supt. Water Dept., Brockport, N. Y.....	July 10, 1906
ROSS, R. A. Cons. Engr., 2 Youville Square, Montreal, Canada.....	May 15, 1914
ROSSITER, EDGAR A., C.E. Rm. 1001, 127 N. Dearborn St., Chicago, Ill.....	Oct. 14, 1918
ROUTH, JAMES W. Bureau of Municipal Research, Athletic Club Building, St. Paul, Minn.....	June 4, 1920
ROUTLEGE, GEORGE GRAHAM. Supt. Water Distb. Section, 332 St. Clair Ave. East, Toronto, Ont.....	Mar. 18, 1919
ROWE, E. J. Supt. Water and Light Dept., Wellsville, N. Y...	June 3, 1921
RUBEY, JAMES R., C.E. City Engr., Box 411, Ely, Minn.....	Mar. 13, 1920
RUDDEROW, MAURICE B. Mgr. Merchantville Water Co., Merchantville N. J.....	June 23, 1914
RUE, J. A. Water Engr., Cent. Ill. Pub. Service Co., 1217 Marshall Ave., Mattoon, Ill.....	Apr. 7, 1916
RUGGLES, ARTHUR V. Engr. Constr. and Surv. Water Dept., City Hall, Cleveland, O.....	Aug. 16, 1920
RUSSELL, NORMAN F. S. 1421 Chestnut St., Philadelphia, Pa..	Dec. 10, 1915
RUST, C. H. Toronto Electric Lt. Co., 12 Adelaide St., Toronto, Ont.....	June 24, 1903
RUTH, EDWARD D. Supt., Water Dept., City Hall, Lan- caster, Pa.....	May 1, 1922
RYAN, WM. G. Sanitary Engr., 34 West St., Florence, Mass...	Mar. 26, 1910
RYLE, JOHN. Asst. Engr. Passaic Water Co., 158 Ellison St., Paterson, N. J.....	Dec. 3, 1919
SACKETT, ROBERT L. Dean, School of Engineering, Pa. State College, State College, Pa.....	Nov. 21, 1912
SAFFORD, ARTHUR T. Engr., Proprietors Locks and Canals, 66 Broadway, Lowell, Mass.....	Feb. 4, 1921
SALMOND, JAMES J. Manager <i>Canadian Engineer</i> , 62 Church St., Toronto, Ont.....	July 18, 1907
SANBORN, JAMES F. Cons. Civ. Engr., 50 Church St., New York, N. Y.....	Aug. 22, 1921
SANDERSON, A. U. Supt. Toronto Filtn. Plant, Foot of John St., Toronto, Canada.....	June 9, 1920
SANDO, WILL J. Consulting Engineer, 1013-16 Wells Building, Milwaukee, Wis.....	June 27, 1905

SANDQUIST, GUSTAV. Foreman Filter Plant, 101 University Ave. S. E., Minneapolis, Minn.	Apr. 19, 1919
SANZENBACHER, GEORGE. Engr. and Supt. Dept. of Water, Newark, N. J.	June 27, 1905
SAUNDERS, WM. E., E.M. Librarian, United Gas Improvement Co., Broad and Arch Sts., Philadelphia, Pa.	July 26, 1919
SAVAGE, W. B. Supt. Water Works, Knoxville, Iowa.	Jan. 8, 1921
SAVILLE, CALEB MILLS. Mgr. and Chf. Engr. Water Works, 63 North Beacon St., Hartford, Conn.	Mar. 18, 1916
SAVILLE, THORNDIKE. Assoc. Prof. Hyd. and San. Eng., and H. E. State Geol. and Econ. Sry., Univ. of N. C., Chapel Hill, N. C.	Aug. 30, 1920
SAWAI, JUNICHI. Chf. Engr. Water Works, Osaka, Japan.	July 21, 1919
SAWIN, LUTHER R. Bacteriologist in Charge of Mt. Kisco Laboratory, Mt. Kisco, N. Y.	July 14, 1916
SAYER, FRED D. Borough Engr. and Supt. of Water, Brookville, Jefferson Co., Pa.	Apr. 22, 1914
SCACCIAPERRO, S. JOHN. Civil and Sanitary Engr., 506 Highland Clifton, Ave., N. J.	Aug. 26, 1921
SCARTH, STANILAND. Supt. Water, Sewer and Light, Newark, N. Y.	Aug. 9, 1916
SCHERER, FREDERICK G. Asst. Engr. Bureau of Water, City Hall, Newark, N. J.	Dec. 26, 1919
SCHIEDEL, C. W. Secy-Treas. and Genl. Mgr. Water and Light Com'n., Waterloo, Ont.	Apr. 26, 1921
SCHLAVITZ, ABRAHAM, C.E. Civ. and San. Engr., w/ Clyde Potts, 30 Church St., New York, N. Y.	Apr. 16, 1920
SCHOLZ, ROBERT O. Senior Engr. Division of Water, 45 Seymour Ave., Newark, N. J.	Feb. 19, 1916
SCHOONMAKER, GEORGE NELSON. Asst. Comnr. Dvn. of Water, 716 Stickney Ave., Toledo, Ohio.	Aug. 22, 1921
SCHREIBER, FRANK J. Chf. Inspct. Bur. of Wtr., Buffalo, N. Y.	Mar. 14, 1921
SCHULZ, C. F. Consulting Engineer, 527 Erie Bldg., Cleveland, Ohio.	July 10, 1906
SCHWABE, WALTER P. Prest and Mgr. The Thompsonville Water Co., 15 Central St., Thompsonville, Conn.	Nov. 3, 1914
SCHWARTZ, FREDERICK W. 439 Hamilton St., Albany, N. Y.	July 18, 1907
SCOFIELD, C. L. Canadian Fire Und. Assn., 524 Coristine Bldg., Montreal, Can.	Apr. 22, 1920
SCOTT, J. SHELDON. Chst. in Chge. Pftn. Plant., 517 Maxwell Ave., Steubenville, O.	Nov. 27, 1920
SCOTT, ROSSITER S. W. E., w/N. S. Hill, Jr., 112 East 19th St., New York, N. Y.	Mar. 4, 1922
SCOTT, WALTER M. Chmn. Greater Winnipeg Wtr. Dist., New Civic Offices, Winnipeg, Manitoba.	Mar. 11, 1914
SCOVELL, D. W. Supt., Lt. & Wtr. Works, Johnstown, Ohio.	Oct. 11, 1921
SEABROOKE, THEO. R. Chemist, N. W. Brch. Mgr. J. B. Clow and Sons, 445 McKnight Bldg., Minneapolis, Minn.	Feb. 23, 1920
SEERY, FRANCIS J. Prof. Hyd. Eng., Cornell Univ., 504 University Ave., Ithaca, N. Y.	Nov. 3, 1919
SEIBERT, JOSEPH. Supt. Water Works, St. Cloud, Minn.	June. 5, 1912
SENIOR, SAMUEL PALMER. V. Pres. and Engr. Bridgeport Hyd. Co., Bridgeport, Conn.	July 10, 1906
SHARON, JOHN J. Asst. to Mgr. S. V. Wtr. Co., 375 Sutter St., San Francisco, Cal.	Feb. 10, 1920
SHARP, JOHN T., JR. Supt., Electric Light and Water Co., Canton, Miss.	Apr. 27, 1910
SHAW, A. W. Supt. Water Works, Brandon, Manitoba, Can.	Jan. 17, 1911
SHAW, C. M. Supt., Water Works, P. O. Box 822, Prescott, Arizona.	Apr. 18, 1922

SHAW, WALTER A. State Public Utilities, 1509 Farwell Ave., Chicago, Ill.	July 10, 1906
SHEAL, ROBERT E. Cons. Engr., 1223 Illuminating Bldg., Cleveland, O.	June 13, 1921
SHELDON, HOWARD W. Water Works Engr., 120 S. Cedar St. Lansing, Mich.	Apr. 5, 1922
SHELL, ROLAND G. Water Works Operator, R. F. D. 4, Box 5, Alexandria, Va.	Jan. 12, 1922
SHEPARD, E. R. Cons. Elect. Engr., 1620 Edison Bldg., Chicago, Ill.	May 3, 1922
SHEPARD, GEORGE M. Cons. Engr. w/ Louis P. Wolff, 1000 Guardian Life Bldg., St. Paul, Minn.	Nov. 12, 1920
SHEPARD, J. LEE. c/o Water and Lighting Co., Compton, Cal.	June 6, 1922
SHERMAN, CHARLES W. Cons. Engr., 14 Beacon St., Boston, Mass.	May 14, 1914
SHERMAN, WALTER J., C.E. The W. J. Sherman Co., Toledo, Ohio.	May 12, 1908
SHERRED, MORRIS R. Cons. Engr., Dept. Street and Public Improvs., City Hall, Newark, N. J.	June 7, 1897
SHIBLEY, E. H. Supt. Port Costa Water Works, 433 California St., San Francisco, Cal.	June 2, 1920
SHIBLEY, KENNETH. Civil and Hydraulic Engr., 1218 Merchants Exchange, San Francisco, Cal.	Sept. 1, 1915
SHIELDS, W. S. 1201 Hartford Bldg., Chicago, Ill.	May 17, 1899
SHIPMAN, EUGENE H. Prest. Clear Springs Wtr. Co., 624 North Main St., Bethlehem, Pa.	July 14, 1920
SHOEMAKER, G. E. Genl. Mgr., Water Works, Waterloo, Iowa.	June 5, 1911
SHOWELL, EDWARD B., JR. Riverton, N. J.	Mar. 21, 1913
SHREVE, B. F. HAYWOOD. Prest. Mt. Holly Water Co., Mt. Holly, N. J.	Aug. 10, 1920
SIDDONS, JOSEPH S. V. Supt. Torresdale Filters, 1648 Dyre St., Philadelphia, Pa.	Feb. 28, 1916
SIEDLE, ADOLPH G. Asst. Engr., Water Dept., 480 East 124th St., Cleveland, O.	June 13, 1921
SIEMS, V. BERNARD. Assoc. C.E., Engr. & Costn. Div., Water Dept., Wolfe and Oliver Sts., Baltimore, Md.	May 11, 1916
SIMMS, R. B. Supt., Water Works, Spartanburg, S. C.	May 24, 1922
SIMONDS, FRED W. c/o W. M. Piatt, Cons. Engr., Durham, N. C.	May 13, 1918
SIMONS, GEORGE W., JR. Chf. San. Engr., State Bd. of Hlth. Jacksonville, Fla.	July 23, 1920
SKINNER, ALFRED E. Western Mgr. Pitometer Co., 53 W. Jackson Blvd., Chicago, Ill.	Mar. 14, 1921
SLATER, E. O. Chemical Engr., 245 So. Los Angeles St., Los Angeles, Calif.	Apr. 11, 1922
SMALSHAF, A. J. Columbus Water Works, Columbus, Ga.	Dec. 26, 1916
SMITH, ARTHUR H. 100 Beechwood Ave., Bound Brook, N. J.	May 8, 1918
SMITH, CHARLES MARION. Supt., Water Works, Box 446, South Boston, Va.	May 5, 1922
SMITH, EDWARD E. 2nd. Supt. Filtn., Lima, O.	Aug. 23, 1920
SMITH, ELROY G. Cons. Engr., 313 Herald Bldg., Augusta, Ga.	June 16, 1920
SMITH, J. WALDO. Consulting Engr., Board of Water Supply, Municipal Building, New York, N. Y.	June 15, 1898
SMITH, KARL H. Supt. Elect. Lt. and Water Wks., Grafton, N. D.	May 10, 1918
SMITH, L. B. Mgr. Westmoreland Water Co., Greensburg, Pa.	July 26, 1915

SMITH, LEON A. Supt. Water Works, City Hall, Madison, Wis.....	May 17, 1916
SMITH, MERRITT HAVILAND. Chf. Engr., Bureau of Water Supply, Municipal Building, New York, N. Y.....	July 15, 1915
SMITH, R. J. Mgr., Sety-Trs. Perth Hydro-Electric System, Perth, Ont.....	June 10, 1911
SMITH, W. Z. General Manager Water Works, 442 Luckie St., Atlanta, Ga.....	Apr. 27, 1910
SMITHRIM, E. R. Secty-Treas. Pub. Util. Comn., Box 55, Strathroy, Ont.....	Apr. 3, 1919
SNELL, GEORGE H. 49 County St., Attleboro, Mass.....	July 7, 1906
SNYDER, FREDERIC ANTES. 105 Carnegie Ave., East Orange, N. J.....	Mar. 13, 1920
SOLLEDER, ALBERT L., B.S. Engr., N. Y. Cont. Jewell Filt. Co., Box A, Nutley, N. J.....	Mar. 16, 1920
SOSNOWSKI, JOHN B. Prest. Bd. Wtr. Cmnrs., 1093 E. Grand Boulevard, Detroit, Mich.....	May 29, 1920
SPEAR, WALTER E. Merrick, N. Y.....	Jan. 8, 1915
SPELLER, FRANK NEWMAN. Metallurgical Engr., 1802 Frick Bldg., Pittsburgh, Pa.....	June 10, 1920
SPENCER, C. A. Supt. Mountain Wtr. Sply. Co., 208 Couler Bldg., Greensburg, Pa.....	Oct. 10, 1919
SPENCER, PERCY S. Eng. Asst., Aberdeen Wtr. Wks., 39 Brimmond Place, Torry, Aberdeen, Scotland.....	May 3, 1922
SPERRY, WALTER A. Chemist, Filtration Plant, Grand Rapids, Mich.....	Dec. 5, 1914
SPILLER, H. C. Prest. Jackson Mutual Water Co., 17 Water St., Boston, Mass.....	July 2, 1918
SPIRE, LEONARD S. Chf. Pitometer Operator, Bureau of Water, 50 Lake View Ave., Buffalo, N. Y.....	July 5, 1918
STAINTON, H. Waterworks Inspector, Western Canada Fire Underwriters Assn., 1100 Paris Bldg., Winnipeg, Man....	June 26, 1916
STANFIELD, A. C., C.E. Pana, Ill.....	Dec. 24, 1914
STARBIRD, HAROLD R. Engr., Bur. of Water, Syracuse, N. Y..	June 13, 1921
STARK, BURR M., C.E. Lake Ave., Troy N. Y.....	Dec. 26, 1919
STARR, RONALD H., B.A.Sc. Engr. Wtr. Lt. and Pwr. Wks., Box 694, Orillia, Ont.....	Jan. 16, 1920
STEARNS, HARRINGTON P. c/o Queens Co. Water Co., Far Rockaway, N. Y.....	Jan. 29, 1914
STEELE, J. A., JR. Mgr. City Water Works, Vicksburg, Miss.....	Mar. 7, 1916
STEIN, MILTON F. San. Engr., 6753 Lafayette Ave., Chicago, Ill.....	June 16, 1919
STEPHEN, CHARLES. Supt. Engr., Macdonald College, P. Q., Canada.....	Apr. 21, 1916
STEPHENS, HON. HARRY P. Mayor, 6 Morrison St., Niagara Falls, Ont.....	June 13, 1921
STEPHENSON, FRANK H. Asst. Civil Engr., Water Works Park, Detroit, Mich.....	May 24, 1920
STEVENS, HAROLD C. Consulting Engineer, 150 Nassau St., New York, N. Y.....	May 9, 1914
STEVENS, HARRY. Cons. Engr., Union Trust Building, Washington, D. C.....	May 12, 1916
STEVENSON, W. L. Asst. Chf. Engr., Pa. Dpt. of Hlth., P. O. Box 622, Harrisburg, Pa.....	May 1, 1922
STEWART, F. D. Asst. San. Engr., State Dpt. Hlth., 71 Longview Ave., Columbus, Ohio.....	Mar. 20, 1922
STEWART, FRED J. Pr. Asst. Engr., c/o M. G. Hall, Centerville, Ia.....	Apr. 12, 1920

STEWART, SPENCER W. Prest. Ambursen Constr. Co. Inc., Grand Central Terminal Bldg., New York, N. Y.....	Feb. 4, 1921
STONE, E. W. Analyst, Pueblo Water Works, P. O. Box 818, Pueblo, Col.....	July 22, 1916
STONE, R. D. Prest. and Mgr., 400 Chestnut St., Philadel- phia, Pa.....	Dec. 16, 1915
STORRIE, WILLIAM, C.E. Room 625, Confederation Life Bldg., Toronto, Ont.....	Mar. 11, 1915
STORRS, JOHN W., C.E. Mbr. N. H. Pub. Serv. Comn., Con- cord, N. H.....	Oct. 7, 1919
STORY, STEPHEN BOND. Director Bur. Mun. Research, 25 Main St., East, Rochester, N. Y.....	Mar. 30, 1920
STOVER, FREDERICK H. Crescent Hill Filters, Louisville, Ky.....	June 3, 1912
STREETER, H. W. Assoc. San. Engr., U. S. Pub. Hlth. Serv., 606 Joliet National Bank Bldg., Joliet, Ill.....	Apr. 16, 1915
STROHMEYER, JOSEPH S. Asst. Civil Engr., Water Dpt., 215 Singer Ave., Baltimore, Md.....	May 11, 1922
STROMQUIST, W. G. City Health Dept., Room 12, Court House, Memphis, Tenn.....	Nov. 17, 1914
SULLIVAN, C. J. Supt. Water Works, 319 Second Ave. North, Chisholm, Minn.....	June 23, 1913
SURVEYER, ARTHUR. Cons. Engr., Dominion Express Building, Montreal, Canada.....	Apr. 18, 1916
SUTER, RUSSELL. Sr. Asst. Engr., Cons. Comn., Albany, N. Y.	Oct. 9, 1914
SUTHERLAND, IAN M., M.C.E. Engng. Drftsmn. M. M. B.W., 110 Spencer St., Melbourne, Australia.....	June 16, 1920
SUTTLE, CLIFFORD B., C.E. Asst. Treas. Tampa Water Works Co., 401 Chestnut St., Philadelphia, Pa.....	June 10, 1919
SWANSON, MELVIN O. Supt. Wtr. & Lt. Dept., Jamestown, N. Y.....	Aug. 9, 1922
SWARD, FRANCIS L. Comnr. of Water, 840 Penobscot Bldg., Detroit, Mich.....	June 13, 1921
SWEET, E. O., C.E. Birmingham Water Works Co., 1106½ Virginia Ave., Birmingham, Ala.....	May 19, 1916
SWITZER, JOHN A. Cons. Engr., Prof. Hydraulic and Sanitary Eng., University of Tenn., Knoxville Tenn.....	May 10, 1915
SYMONDS, HENRY A. Cons. Hyd. Engr., 75 Crofton Road, Waban, Mass.....	Feb. 26, 1921
SYMONS, M. M. Chief Engr., Interstate Water Co., 1009 West Fairfield St., Danville, Ill.....	Feb. 8, 1915
TABER, GEORGE A. Consulting Engineer 741 Kimball Bldg., Boston, Mass.....	June 3, 1912
TAINTER, F. S. 84 Pine St., New York, N. Y.....	Oct. 4, 1919
TALBOT, ARTHUR N. Prof. Municipal and Sanitary Engr., University of Illinois, Urbana, Ill.....	Aug. 22, 1894
TALBOT, EARLE. Secty. Treas. and Genl. Asst. Supt., Hackensack Water Co., Box F, Weehawken, N. J....	May 1, 1920
TALBOTT, FRANK. Supt. Sec. and Treas. Water Works, Dan- ville, Va.....	June 7, 1904
TALLON, EGBERT P. Supt. Water Works, Box 381, R 2, Long- beach, Cal.....	June 30, 1920
TANNER, I. B. Supt. Wtr. Svce. Dpt., Jos. E. Nelson and Sons, 3240 S. Michigan Ave., Chicago, Ill.....	Sept. 5, 1919
TARBETT, RALPH E. San. Engr., U. S. P. H. Svce., E. 3rd and Kilgour Sts., Cincinnati, O.....	July 5, 1921
TARR, CHARLES W. Divn. Engr., Morris Knowles, Inc., Engrs., 325 7th St., Elyria, Ohio.....	Nov. 12, 1919

TAY, SAMUEL WRIGHT. San. Engr., Ttl. Bd. of Hlth., Hawaii, 2413 Lower Manoa Road, Honolulu, T. H.	July 14, 1920
TAYLOR, GEO. R. San. Chmst., 115 Wyoming Ave., Scranton, Pa.	May 11, 1908
TAYLOR, SAMUEL, A. Con. and Constructing Engr., 7th Floor, 1st. Natl. Bank Bldg., Pittsburgh, Pa.	June 10, 1902
TAYLOR, STEPHEN H. Asst. Supt. Water Works, 312 Municip- al Bldg., New Bedford, Mass.	June 3, 1919
TAYLOR, W. E. Chf. Engr., Water Co., Water St. and Big 4, Terre Haute, Ind.	July 18, 1903
TERNES, ALBERT P. Water Commissioner, 7435 La Salle St., Detroit, Mich.	May 15, 1922
THOMAS, ROBERT J. 85 Eleventh St., Lowell, Mass.	May 16, 1900
THOMPSON, ALVIN B. Supt. Kennebec Water Dist., Waterville, Me.	June 26, 1919
THOMPSON, JOHN WILLIAM. Contr. for Artesian Wells and Water Sup. Systems, 4529 Park Ave., Bronx, New York, N. Y.	May 11, 1920
THOMPSON, RUDOLPH E. Asst. Chst., Filt. Plant, 556 Mil- verton Blvd., Toronto, Ont.	Mar. 16, 1922
THOMPSON, SAMUEL H. Supt. Pumping Stn., 1008 So. 25th St., Philadelphia, Pa.	July 11, 1921
THOMPSON, W. H. Mgr. Water Works, Muncy, Pa.	June 9, 1919
THORNDIKE, STURGIS H. Cons. Engr., 200 Devonshire St., Boston, Mass.	Feb. 26, 1921
THORSEN, MARTIN. Fld. Engr., w/Wallace and Tiernan, Box 178, Newark, N. J.	Dec. 11, 1919
TIGHE, JAMES L. Cons. Engr., 189 High St., Holyoke, Mass. ...	Apr. 17, 1889
TILDEN, JAMES A. V. Pres. and Mgr. Hersey Mfg. Co., South Boston, Mass.	Apr. 19, 1889
TISDALE, ELLIS S. Director, San. Eng. Division, State Dept. of Health, Charleston, W. Va.	Aug. 26, 1916
TODD, WILLIAM. Supt. Elec. Light and Water Works, Austin, Minn.	June 18, 1901
TOENSFELDT, KURT. Asst. Chief Mechanical Engr., Water Department, 34 E. Grand Ave., St. Louis, Mo.	June 13, 1922
TOLSON, ALBERT. Supt. of Filters, Bureau of Water, Phila- delphia, Pa.	Jan. 29, 1916
TOMLINSON, SAM. 100 Robinson Road, Singapore, S. S.	July 14, 1887
TOWLE, ELTON L. Hyd. & Mech. Engr., 402 East 37th St., Paterson, N. J.	Apr. 5, 1922
TOWNLEY, DAVID H. Engr., Elizabethtown Water Co., 139 Murray St., Elizabeth, N. J.	May 26, 1916
TOWNSEND, E. R. Hydraulic Engr., 209 West Jackson Blvd., Chicago, Ill.	July 10, 1906
TOYNE, J. W. Engineer, South Bend, Ind.	May 12, 1916
TRACE, V. E. Supt. Water Works Dept., City Hall, Santa Barbara, Cal.	July 23, 1920
TRACY, R. N. State San. Engr., State House, Lincoln, Neb. ...	Aug. 31, 1921
TRAFFORD, E. W. Detr. Pub. Util., 109 City Hall, Rich- mond, Va.	May 8, 1922
TRAUTWINE, JOHN C., JR. Civil Engr., 257 S. Fourth St., Philadelphia, Pa.	May 27, 1896
TRAVIS, F. M. Prest., The Torrington Water Co., 77 Church St., Torrington, Conn.	July 20, 1917
TRAX, E. C. Chemist, Filtration Plant, McKeesport, Pa.	June 6, 1911
TRIBUS, LOUIS LINCOLN, C.E. 15 Park Row, New York City.	May 12, 1906
TROBRIDGE, CHARLES E. San. Engr., American Water Works & Elect. Co., 355 Warburton Ave., Yonkers, N. Y.	Apr. 18, 1922

TRUMBORE, FRANK J. Master Mechanic, 743 N. Main St., Pleasantville, N. J.....	Apr. 7, 1922
TUCKEY, WM. R. T. B. E., A. M. I. C. E., Engr. and Mgr., Water Works Co., Tientsin, China.....	June 16, 1919
TURNER, J. W. Superintendent, Waterworks, Edmonton, Alberta, Canada.....	June 6, 1922
TUTTLE, ARTHUR S. Chf. Engr., Bd. of Estimate and Apportionment, Municipal Building, New York, N. Y..	July 10, 1916
TYLER, ORVILLE Z. Supt. Water and Power, Main and Orange Sts., Jacksonville, Fla.....	May 4, 1921
ULRICH, BERNARD L. Supt., Water Works, Manhattan, Kans.	Feb. 20, 1922
UNDERWOOD, ADDISON L. Supt., Water Dept., 148 N. Pickering Ave., Whittier, Cal.....	Oct. 16, 1921
VAIL, CHARLES D. Ry. and Hyd. Engr., Public Ut. Cilomn., Denver, Col.....	Jan. 8, 1921
VAN ARNUM, WILLIAM I. Supt. Filtration, 925 High St., Youngstown, O.....	Feb. 7, 1922
VAN BRUNT, W. D. Prest. Water Works Co., Southampton, N. Y.....	Aug. 23, 1920
VAN GILDER, L. Engr. and Supt. Water Dept., City Hall, Atlantic City, N. J.....	July 10, 1906
VANGORDER, J. R., C. E. 844 Ostrom Ave., Syracuse, N. Y...	Mar. 20, 1922
VAN LOAN, SETH M. Deputy Chief Bureau of Water, 702 City Hall, Philadelphia, Pa.....	May 12, 1914
VAN TRUMP, S. N. Chf. Engr. and Supt. Water Wks., Wilmington, Del.....	Feb. 7, 1916
VEATCH, N. T., JR. Cons. Engr., 701-5 Mutual Building, Kansas City, Mo.....	Dec. 16, 1915
VERMEULE, CORNELIUS C., C.E. 38 Park Row, New York, N. Y.....	June 8, 1909
VERTEFEUILLE, JOSEPH A. Asst. Engr. Dpt. W. S. G. and E. of N. Y., 50 Court St., Brooklyn, N. Y.....	May 16, 1916
VEST, W. E. Supt. Water Works, Charlotte, N. C.....	May 3, 1911
VILLERMIN, LAWRENCE F. Mgr., Wtr. & Lt. Plnt., P. O. Box 195, New Iberia, La.....	May 27, 1922
VOLKHARDT, WILLIAM. 83 Prospect St., Stapleton, N. Y.....	June 11, 1902
VON GREYERZ, WALO, C.E. Capt. Royal Swedish Corps Engrs., Humlegardsgatan 29, Stockholm, Sweden.....	July 23, 1920
WACHTER, LEONARD M. Chemist, State Bd. of Hlth., 192 Partridge St., Albany, N. Y.....	Mar. 16, 1922
WADE, B. F., C.E. 11 South LaSalle St., Chicago, Ill.....	May 25, 1922
WADSWORTH, G. A. Supt. Water Dept., Evanston, Ill.....	May 16, 1918
WAGNER, E. G. Supt. Water Works, City Hall, Lewiston, Idaho	Dec. 30, 1916
WAGNER, EDWIN B. Supt. Water Works, Downingtown, Pa.	Apr. 22, 1921
WAGNER, H. F. Chemist, Bureau of Water, Lab'y., Col. F. G. Ward Station, Buffalo, N. Y.....	May 12, 1914
WAGNER, RICHARD F. Supt. and Engr. Dept. of Water, Lynchburg, Va.....	Nov. 3, 1919
WALDEN, A. E. Supt. and Chf. Engr., 100 W. Fayette St., Baltimore, Md.....	May 12, 1908
WALKER, ELTON D. Cons. Engr., Hydraulic and Sanitary Engr., 248 So. Burrowes St., State College, Pa.....	July 18, 1907
WALKER, ISAAC S. Genl. Mgr. New Chester Wtr. Co., 594 Drexel Bldg., Philadelphia, Pa.....	Mar. 25, 1919
WALKER, LEWIS DEWAR. Wtr. Wks. Engr. Can. F. U. A., Excelsior Life Bldg., Toronto, Ont., Canada.....	Feb. 10, 1921
WALL, EDWARD E. Water Comr., 312 City Hall, St. Louis, Mo.	June 7, 1904

WALL, W. A. General Manager, Water & Sewer Departments, King & Alakea Sts., Honolulu, T. H.....	Apr. 10, 1922
WALLACE, WILLIAM W. Chst., Bd. Wtr. Comnrs., 2915 Bewick Ave., Detroit, Mich.....	Apr. 5, 1922
WARD, CHARLES MAXWELL. Cons. Engr., 243 Bleury St., Montreal, P. Q., Canada.....	June 10, 1920
WARDER, CHARLES. Superintendent Water Works, Niagara Falls, Ont., Canada.....	Jan. 8, 1916
WARDLE, ANDREW NELSON. San. Engr., Holway Engineering Co., Tulsa, Okla.....	Sept. 18, 1916
WARREN, C. A. Const. Engr., City Water Department, 1822 E. Lafayette Ave., Baltimore, Md.....	May 24, 1922
WARING, F. HOLMAN. Asst. Engr., Div. of San. Eng., State Board of Health, Columbus, O.....	Feb. 23, 1915
WARREN, W. D. P. Cons. Engr., Milliken Bldg., Decatur, Ill. WARRICK, LOUIS F. Chemist, 4 Allison Ave., Morgantown, W. Va.....	Mar. 20, 1920
WATKINS, THOMAS. Mechanical Engr., Johnstown, Pa.....	Apr. 6, 1920
WATKINS, W. W. 805 W. Campbell Ave., Roanoke, Va.....	May 18, 1892
WATSON, GEORGE L. Cons. Engr., 150 Nassau St., New York, N. Y.....	June 5, 1922
WATTERS, GEORGE LAWRENCE. 333 East North St., Bethlehem, Pa.....	Dec. 23, 1921
WATTS, H. T., C.E. Supt. Wtr. Sup. Co., Box 107, Vincennes, Ind.....	Feb. 13, 1914
WEBB, S. W. Dist. Mgr. Consumers Power Co., Cadillac, Mich.....	July 7, 1920
WEBSTER, EDWIN ROLAND. Cons. Engr., Webster Bldg., 327 S. LaSalle St., Chicago, Ill.....	Jan. 8, 1921
WEGMAN, EDWARD. Cons. Engr., 14 Morris Crescent, Yon- kers, N. Y.....	Jan. 11, 1916
WELKER, JOSEPH E. 112 Moran St., Oil City, Pa.....	June 11, 1902
WELLS, E. KURTZ, C.E. 11 N. 5th St., Reading, Pa.....	Jan. 20, 1916
WELLS, GEORGE M. Consulting Engineer, 40 Wall St., New York, N. Y.....	Apr. 24, 1919
WELLS, JAMES P. Cons. Hyd. Engr., 249 Cutler Bldg., Roches- ter, N. Y.....	May 5, 1913
WELLS, JOHN J., C.E. Cons. Engr., Rocky Mount, N. C.....	Apr. 10, 1920
WELLS, PAUL J. Supt., Parks and Pub. Ppty., City Bldg., Sioux City, Ia.....	Jan. 20, 1922
WELLS, WILLIAM FIRTH. Biologist & Sanitarian, Conser- vation Comn., Albany, N. Y.....	Apr. 22, 1920
WENZELL, H. C. Comnr., Parks, Playground and Public Bldgs., Room 210 Court House, St. Paul, Minn.....	Mar. 16, 1922
WESLEY, J. B. Chemist, Mo. Pacific R. R., 627 Railway Exc. Bldg., Kansas City, Mo.....	June 20, 1912
WEST, GEO. F. President, Biddeford and Saco Water Co., Portland, Me.....	Apr. 24, 1922
WEST, GEORGE M. Supt., 168 First St., Lehighton, Pa.....	July 24, 1911
WEST, NORTH M. Mgr., York Co. Water Co., P. O. Box 26, Kennebunk, Me.....	Mar. 17, 1916
WEST, VERNON F. Treas. Rensselaer Water Co., Box 863, Portland, Me.....	Apr. 10, 1922
WEST, WARREN G. Supt. and Secty., The Leadville Water Co., Leadville, Col.....	June 19, 1914
WESTON, ROBERT SPURR. Consulting Sanitary Engr., 14 Beacon St., Boston, Mass.....	Apr. 1, 1918
WETTER, CLARENCE H. Supt. Water Works, Tiffin, Ohio....	June 15, 1898
WHEELER, ROBERT C. Barker and Wheeler, 27 Douw Bldg., Albany, N. Y.....	July 15, 1915
	Oct. 23, 1914

WHEELER, WILLIAM. Consulting Civil Engr., 14 Beacon St., Boston, Mass.....	July 10, 1906
WHIPPLE, GEORGE C. Cons. Engr., Pierce Hall, Harvard University, Cambridge, Mass.....	June 7, 1904
WHIPPLE, MELVILLE C. Instructor in Sanitary Chemistry, 112 Pierce Hall, Cambridge, Mass.....	May 13, 1922
WHITE, GILBERT C., C.E. Durham, N. C.....	May 12, 1908
WHITE, HENRY M. Supt., Water Works, Oneida, N. Y.....	May 24, 1922
WHITEHOUSE, ORVILLE M. Supt. Filtn. Dutchess Bleachery, Wappingers Falls, N. Y.....	Apr. 3, 1919
WHITLOCK, C. M. Supt. Wtr. Lt. and Pr., City Engr., Mt. Airy, N. C.....	June 13, 1921
WHITMAN, EZRA B. Civil and Sanitary Engr., 615 Munsey Bldg., Baltimore, Md.....	Apr. 19, 1910
WHITSIT, LAWRENCE C. City Engineer, 110 California Ave., Highland Park, Mich.....	May 7, 1917
WHITTAKER, H. A. Director, Division of Sanitation, State Board of Health, Minneapolis, Minn.....	June 24, 1913
WIETERS, A. H. State San. Engr., Waubay, S. D.....	Nov. 14, 1921
WIGGIN, THOMAS H. Cons. Engr., 50 Church St., New York, N. Y.....	May 24, 1922
WIGHT, H. C. Genl. Supt., Division of Water, Dayton, Ohio.....	May 12, 1915
WIGLEY, CHESTER G., C.E. 66 Pierson Road, Maplewood, N. J.....	Apr. 27, 1910
WILCOX, FRANK L. Cons. Engr., Chemical Building, St. Louis, Mo.....	Apr. 28, 1914
WILCOX, WILLIAM F., M.E. 701 American Trust Bldg., Birmingham, Ala.....	Apr. 15, 1910
WILES, C. W. Mgr. Water Works, Delaware, Ohio.....	May 17, 1899
WILHELM, E. G. Secty-Treasr., Williamsport Water Co., Williamsport, Pa.....	Feb. 15, 1917
WILHELM, GEORGE. Chief Engr. East Bay Water Co., Oakland, Cal.....	Mar. 25, 1913
WILL, CHARLES K. Supt. Water Works, 118 S. Queen St., Lancaster, Pa.....	Feb. 19, 1916
WILLARD, ERNEST C., C.E. 307 Corbett Bldg., Portland, Ore...	Oct. 10, 1914
WILLCOMB, GEORGE E. San. Engr., 12 So. Lyons Ave., Albany N. Y.....	Apr. 7, 1922
WILLETT, J. F. Supt. City Water Dept., Billings, Mont.....	Apr. 28, 1915
WILLETT, WILLIAM M. Genl. Mgr. Murphysboro Wtr. Wks. Elect. and Gas Lt. Co., Aurora, Ill.....	Sept. 21, 1918
WILLIAMS, GARDNER S. Cons. Engr., Cornwell Bldg., Ann Arbor, Mich.....	July 10, 1906
WILLIAMS, HOWARD L. Supt. Water Works, Ludington, Mich.....	Aug. 24, 1894
WILLIAMSON, JAMES E. Cons. Engr., 39 Cortland St., New York, N. Y.....	Jan. 20, 1921
WILLIAMSON, LEE H. Williamson, Carrol & Saunders, Natl. Bank Bldg., Charlottesville, Va.....	May 5, 1922
WILLSON, WILLIAM JAY. Supt. Water Works, Greenwich, Conn.....	June 7, 1916
WILSON, JESSE H., C.E. City Engineer, Idaho Falls, Ida....	Feb. 8, 1918
WILSON, JOHN. 300 First Natl. Bank, Duluth, Minn.....	Dec. 22, 1909
WILSON, NORMAN MCLEOD RAMSAY. Chf. Engr., Water Comrs., Brantford, Ont., Canada.....	Dec. 26, 1919
WILSON, PAUL M. Comnr. Water Works, Jackson, Tenn.....	June 21, 1920
WILSON, RODNEY C. Supt. Water Works, Rockford, Ill.....	June 13, 1921
WILSON, WILLIAM. Civ. and Cons. Engr., 209 Lincoln Ave., Youngstown, O.....	Dec. 16, 1919
WINGFIELD, NISBET. Consulting Engr., Augusta, Ga.....	Dec. 9, 1910
WINSLOW, C.-E. A. Yale Medical School, New Haven, Conn..	Jan. 30, 1915

WINSLOW, W. H. Vice Prest. Superior W., Lt. and Pr. Co., Superior, Wis.....	June 8, 1909
WOLBERT, H. E. Supt. N. Y. Inter-Urban Water Co., Mount Vernon, N. Y.....	May 26, 1916
WOLFE, EDWARD E. Chemist, E. St. Louis & Interurban Water Co., 506 State St., East St. Louis, Ill.....	Apr. 24, 1922
WOLFE, THOMAS F. Secty., Cast Iron Pipe Pub. Bur., 165 East Erie St., Chicago, Ill.....	Mar. 16, 1922
WOLMAN, ABEL. San. Engr., 16 West Saratoga St., Baltimore, Md.....	Mar. 11, 1918
WOOD, EDWARD R., JR. Prest. and Treasr. Tampa Water Works Co., 401 Chestnut St., Philadelphia, Pa.....	Apr. 3, 1916
WOOD, WALTER. Pres. Millville Water Co., 400 Chestnut St., Philadelphia, Pa.....	June 7, 1904
WOODS, HARLAND CLARK. Prof. Civ. Eng., Robert College, Constantinople, Turkey.....	Aug. 14, 1919
WOOLFOLK, HENRY E. Supt. Water Works, Danville, Ky....	May 22, 1912
WOOLLEY, JAMES. Meter Laboratory Chf., 135 4th St., Newark, N. J.....	June 21, 1920
WORRELL, M. L. Engr. and Mgr. Wtr. Dept., Vicksburg, Miss.	June 24, 1903
WORTHEN, JESSE M., M.D. 252 Sierra Ave., San Jose, Cal..	June 9, 1909
WRIGHT, E. L. Superintendent, Municipal Water Works, Orland, Glenn Co., Calif.....	June 20, 1922
WRIGHT, JOHN G. Engr. and Filter Operator, 312 Lincoln St., Sayre, Pa.....	June 30, 1922
WYCKOFF, CHARLES RAPELYE. Cons. Engr., 150 Nassau St., New York, N. Y.....	Apr. 2, 1918
WYNNE-ROBERTS, R. O. 40 Jarvis St., Toronto, Ont., Canada.	Apr. 15, 1910
YOUNG, CHARLES. Supt. Water Works, P. O. Box 176, So. San Francisco, Cal.....	May 20, 1920
YOUNG, T. L. Mgr. South Side Water Works Co., Chester, W. Va.....	June 13, 1921
YOUNG, WM. R. Registrar Water Works, City Hall, Minne- apolis, Minn.....	June 8, 1904
ZEHR, VRATISLAV ADOLPH, M.E., C.E. Cons. Engr., Brandys Labe, Czechoslovakia.....	Apr. 1, 1918
ZIMMERLIN, HARRY F. Supt. of Water, Lyons, N. Y.....	June 3, 1921

CORPORATE MEMBERS

AGUA PURA Co. James B. Wilson, Prest., 701 Douglas Ave., East Las Vegas, N. M.....	May 24, 1904
AKRON CITY WATER WORKS. 102 E. Mill St., Akron, Ohio....	Apr. 30, 1913
ALEXANDRIA WATER Co. Alexandria, Va.....	Apr. 3, 1909
ALLENTOWN WATER DEPARTMENT. City Hall, Allentown, Pa....	May 31, 1922
AMERICAN WATER WORKS AND ELECTRIC Co., INC. Mr. H. Hobart Porter, Prest., 50 Broad St., New York, N. Y....	June 24, 1915
ANACONDA WATER WORKS DEPT. Anaconda Copper Mining Co., Anaconda, Mont.....	June 4, 1910
ANN ARBOR WATER WORKS COMMISSION. City Hall, Ann Arbor, Mich.....	Apr. 14, 1919
APPLETON WATER COMN. City Hall Appleton, Wis.....	Aug. 23, 1921
AUBURN WATER DEPARTMENT. Auburn, New York.....	Mar. 8, 1911
BATON ROUGE WATER WORKS Co. Baton Rouge, La.....	Apr. 13, 1914
BEL AIR WATER AND LIGHT Co. Of Harford Co., Bel Air, Md...	Oct. 4, 1917
BENICIA WATER Co. J. A. Wilcox, Chf. Engr., 603 Wells Fargo Bldg., San Francisco, Cal.....	May 29, 1920
BIRMINGHAM WATER Co. 22 Elizabeth St., Derby, Conn.....	May 28, 1909
BRANTFORD WATER COMMISSIONERS. Brantford, Ont., Canada	May 15, 1914
BUFFALO, CITY OF. Bureau of Water, 2 Municipal Bldg., Buffalo, N. Y.....	June 9, 1921
CANTON WATER WORKS. City Hall, Canton, Ill.....	Oct. 14, 1914
CHARLESTON COMMISSIONERS OF PUBLIC WORKS, 14 George St., Charleston, S. C.....	May 23, 1912
CITIZENS WATER SUPPLY Co. Elmhurst, Long Island, N. Y.	Jan. 30, 1911
COLUMBIA WATER AND LIGHT Co. Columbia, Tenn.....	Apr. 30, 1918
CONSERVATIVE WATER Co. 8619 Fir St., Los Angeles, Cal....	Nov. 3, 1919
CORNING WATER WORKS. Corning, N. Y.....	Apr. 9, 1913
DAVENPORT WATER Co. Davenport, Iowa.....	July 7, 1919
DOVER WATER COMMISSIONERS. Jos. V. Baker, Clerk, Dover, Morris Co., N. J.....	May 22, 1918
DUBUQUE CITY WATER WORKS. J. W. McEvoy, Supt., Dubuque, Ia.....	May 13, 1919
EAGLES MERE WATER Co. 330 Pine St., Williamsport, Pa....	Apr. 10, 1914
EAST BAY WATER Co. Oakland, Cal.....	June 24, 1915
EAST ORANGE BOARD OF WATER COMMISSIONERS. East Orange, N. J.....	Aug. 14, 1909
ELMIRA WATER BOARD. Elmira, N. Y.....	Mar. 11, 1915
ERIE COMMISSIONERS WATER WORKS. 701 French St., Erie, Pa.	May 31, 1911
EVANSVILLE WATER WORKS. Evansville, Ind.....	May 7, 1909
EXCELSIOR SPRINGS WATER, GAS AND ELECTRIC Co. Excelsior Springs, Mo.....	Apr. 5, 1912
FEDERAL LIGHT AND TRACTION Co. 60 Broadway, New York, N. Y.....	Mar. 8, 1920
FOND DU LAC CITY WATER DEPT. J. J. Breister, Supt., Fond du Lac, Wis.....	May 22, 1919

GLENS FALLS BOARD OF WATER COMMISSIONERS. Glens Falls, N. Y.	Oct. 24, 1918
GLENDALÉ PUBLIC SERVICE DEPARTMENT. 575 Broadway, Glendale, Cal.	Dec. 24, 1914
GRAND MERE WATER BOARD. Grand Mere, P. Q., Canada	June 21, 1920
GRAND RAPIDS DEPARTMENT OF PUBLIC SERVICE. Grand Rapids, Mich.	Feb. 4, 1913
GREEN BAY WATER DEPT. James Church, Supt., Green Bay, Wis.	Nov. 3, 1914
HOPKINSVILLE WATER CO. Hopkinsville, Ky.	Apr. 23, 1915
HOT SPRINGS WATER CO. Hot Springs, Ark.	Mar. 8, 1920
INDUSTRIAL SERVICE CORPN. OF VA. 7150 DuPont Bldg., Wilmington, Del.	Feb. 22, 1922
INTERSTATE PUBLIC SERVICE CO., New Albany, Ind.	Feb. 10, 1910
KANSAS CITY WATER COMMISSIONERS. City Hall, Kansas City, Mo.	Feb. 8, 1915
KENNEBEC WATER DIST. TRUSTEES. Mr. George K. Boutelle, Treasr., Waterville, Maine.	May 12, 1908
KENTUCKY BUREAU OF SANITARY ENGINEERING. State Board of Health, 532 W. Main St., Louisville, Ky.	Feb. 5, 1915
KINGSPORT UTILITIES, INC., Kingsport, Tenn.	Sept. 18, 1921
KITCHENER WATER COMMISSION. Kitchener, Canada.	Feb. 17, 1920
LAKE CHARLES RAILWAY, LIGHT AND WATER WORKS CO. Lake Charles, La.	Apr. 29, 1910
LEESBURG MUNICIPAL PLANT, Leesburg, Fla.	Jan. 13, 1922
LEWISTOWN-REEDSVILLE WATER CO., Lewiston, Pa.	May 14, 1922
LINCOLN CITY WATER AND LTG. DEPT. City Hall, Lincoln, Neb.	Mar. 6, 1919
LONDON PUBLIC UTILITIES COMMISSION. London, Canada.	Apr. 9, 1909
LORAIN WATER WORKS. Lorain, Ohio.	July 14, 1916
LOS ANGELES BUREAU OF WATER WORKS AND SUPPLY. 645 South Olive St., Los Angeles, Calif.	Apr. 18, 1910
LOUISVILLE WATER CO. 435 So. Third St., Louisville, Ky.	Apr. 9, 1909
MAHONING VALLEY WATER CO. Jas. J. McNally, Scty. and Tr., Youngstown, Ohio.	July 26, 1916
MALMO BYGGNADSKONTOR. Alfred Jerden, Chf. Engr., Malmo, Sweden.	July 23, 1921
MANHASSET-LAKEVILLE WATER DIST. Manhasset, N. Y.	Feb. 11, 1918
MARION WATER CO. George Whysall, Supt. Marion, Ohio.	Mar. 3, 1917
MASSILLON WATER SUPPLY CO. Watson A. Dark, Supt., Massillon, O.	June 8, 1921
MEMPHIS ARTESIAN WATER DEPT. Memphis, Tenn.	Apr. 2, 1909
METROPOLN. BD. WATER SUPPLY AND SEWAGE. Sidney, Australia.	Aug. 31, 1909
METROPOLITAN UTILITIES DISTRICT. Omaha, Neb.	Apr. 28, 1912
MICHIGAN STATE BOARD OF HEALTH. Lansing, Mich.	July 13, 1917
MIDDLETOWN WATER WORKS. Miss Barbara Smith, Secty., Middletown, Conn.	June 8, 1921
MILLVILLE WATER CO. Millville, N. J.	Jan. 11, 1916
MINNEAPOLIS COMMITTEE ON WATER WORKS. Wm. R. Young, Registrar, Minneapolis, Minn.	June 17, 1920
MOBILE CITY COMMISSIONERS. Mobile, Ala.	Nov. 11, 1911
MOLINE DEPARTMENT OF PUBLIC PROPERTY. H. M. Oldfest, Comr., Moline, Ill.	Jan. 29, 1916
MOUNT CARMEL WATER CO. Mount Carmel, Pa.	May 7, 1904

MOUNT PLEASANT WATER CO. J. S. Meek, Supt., Mount Pleasant, Pa.....	July 26, 1921
MUSCATINE WATER TRUSTEES. Muscatine, Ia.....	May 9, 1921
NEW CASTLE BOARD OF WATER & LIGHT COMN. John Ries, Prest., 407 Delaware St., New Castle, Del.....	May 6, 1922
NEW JERSEY DEPT. CONSERVATION AND DEVELOPMENT. H. T. Critchlow, H. E., State House, Trenton, N. J....	Jan. 26, 1922
OSWEGO DEPARTMENT OF WATER. Oswego, N. Y.....	June 1, 1921
OWEGO WATER WORKS CO. Owego, N. Y.....	Apr. 16, 1914
PENNICHUCK WATER WORKS. 11 High St., Nashua, N. H....	Oct. 30, 1914
PETERBOROUGH UTILITIES COMMISSION. Waterworks Department, 253 Hunter St., Peterborough, Ont., Canada.	May 2, 1911
PINE BLUFF CO. J. L. Longino, Secty., Pine Bluff, Ark....	May 18, 1904
PORTLAND DEPT. OF PUBLIC UTILITIES. Room 302, City Hall, Portland, Ore.....	Dec. 17, 1917
PRESTON LIGHT AND WATER COMN. S. A. Ord, Secty-Treasr., Preston, Ont., Canada.....	May 13, 1919
PUBLIC SERVICE CO. 72 W. Adams St., Chicago Ill.....	June 10, 1911
READING DEPT. OF PARKS AND PUBLIC PROPERTY. D. E. Dampman, Supt., City Hall, Reading, Pa.....	Mar. 20, 1916
ROME DEPARTMENT OF PUBLIC WORKS. Bureau of Water, Rome, N. Y.....	Apr. 25, 1922
SAGINAW WATER DEPT. Saginaw, Mich.....	Apr. 12, 1904
SALT LAKE CITY WTR. DEPT. H. K. Burton, Supt., Salt Lake City, Utah.....	Feb. 17, 1920
SAN JOSE WATER CO. San Jose, Cal.....	Apr. 21, 1913
SANDUSKY, CITY OF. Sandusky, O.....	June 9, 1921
SCRANTON GAS AND WATER CO. 115 Wyoming Ave., Scranton, Pa.....	June 3, 1912
SEA BREEZE AND VICINITY WTR. COMN. Charles S. Evershed, Treasr., R. F. D. 5., Rochester, N. Y.....	Feb. 23, 1920
SHARON WATER WORKS CO. 24 So. Dock St., Sharon, Penna..	Apr. 10, 1922
SHEBOYGAN BOARD OF WATER COMNRS. City Hall, Sheboygan, Wis.....	June 21, 1920
SHERRIL-KENWOOD WATER COMN. Stephen R. Leonard, Chrmn., Kenwood, N. Y.....	Apr. 24, 1921
SOUTH EASTON WATER CO. 102 South Third St., Easton, Pa..	Dec. 5, 1915
SOUTHERN ILLINOIS LT. AND PR. Co. Compton Bldg., St. Louis, Mo.....	Mar. 26, 1920
SUPERINTENDENT WATER DIVISION. Room 303, City Hall, Spokane, Wash.....	Apr. 5, 1912
ST. MARYS BOARD OF WATER, LIGHT AND HEAT COMN. Box 333, St. Marys, Ont., Canada.....	Nov. 3, 1919
ST. THOMAS WATER COMMISSIONERS. St. Thomas, Ont., Canada.....	Apr. 11, 1909
STOCKTON WATER CO. 315 Market St., Camden, N. J.....	Jan. 11, 1918
SUBURBAN WATER CO. OF ALLEGHENY COUNTY. Verona, Pa....	Apr. 10, 1909
TAXPAYERS MUNICIPAL WATER WORKS. Creston, Iowa.....	May 10, 1919
TEMPLE WATER WORKS. Temple, Texas.....	Apr. 2, 1910
TOTOWA, BOROUGH OF. Totowa, N. J.....	Oct. 20, 1920
TRENTON WATER WORKS. Trenton, N. J.....	May 8, 1909
TROTTER WATER CO. C. L. Farson, Supt., Uniontown, Pa...	July 26, 1921
TRUCKEE GENERAL ELECTRIC CO. Reno, Nev.....	Feb. 4, 1913

UNITED LAND AND WATER Co. Deming, N. Mex.....	May 21, 1918
URBAN WATER SUPPLY Co. Maurice and Borden Ave., Mass- peth, L. I.....	Oct. 20, 1912
VINTON-ROANOKE WATER Co. Francis W. Collins, Cons. Engr., 50 Church St., New York, N. Y.....	Dec. 3, 1904
WACO WATER WORKS. City Hall, Waco, Texas.....	Apr. 16, 1910
WATERTOWN WATER WORKS. Watertown, N. Y.....	June 8, 1909
WELLAND BOARD OF WATER COMN. C. R. Hagan, Chmn., Welland, Ont., Canada.....	May 7, 1920
WEST CHESTER, BOROUGH OF. Jay H. Jefferis, Chairman, Water Committee, West Chester, Pa.....	June 15, 1922
WEST NEWTON WATER Co., West Newton, Pa.....	May 24, 1922
WEST VA. WATER AND ELECTRIC Co. A. C. Babson, V. P. and Gl. Mgr., Charleston, W. Va.....	Sept. 4, 1911
WESTERN RESERVE WATER Co. 250 Fifth Ave., New York, N. Y.....	June 9, 1920
WESTERN NEW YORK WATER Co. 704 Electric Building, Buffalo, N. Y.....	Apr. 15, 1913
WHITE DEER MOUNTAIN WATER Co. 114 South Front St., Milton, Pa.....	July 31, 1916
WHITE PLAINS DEPT. OF PUBLIC WKS. Wm. H. Lyon, Comr. in charge of Water Works, White Plains, N. Y.....	July 31, 1916
WILLIAMSPORT WATER Co. 330 Pine St., Williamsport, Pa....	Apr. 15, 1907
WINNETKA, VILLAGE OF. Winnetka, Ill.....	June 21, 1909
YOUNGSTOWN CITY WATER DEPT. H. F. Kaereher, Supt., Youngstown, O.....	June 10, 1919

ASSOCIATE MEMBERS

ADAMS, LEE F. El. Engr., Pwr. and Mng. Eng. Dept., General Electric Co., Schenectady, N. Y.....	June 1, 1921
ADDRESSOGRAPH Co. 901 W. Van Buren St., Chicago, Ill.....	Aug. 4, 1909
ALBERGER PUMP and CONDENSER Co. 140 Cedar St., New York, N. Y.....	Apr. 15, 1911
ALLIS-CHALMERS MFG. Co. Milwaukee, Wis.....	June 24, 1905
AMBURSEN CONSTRUCTION Co., INC. Grand Central Terminal, New York, N. Y.....	Jan. 29, 1921
AMERICAN BRASS Co. Sales Dept., Waterbury, Conn.....	Aug. 10, 1922
AMERICAN CAST IRON PIPE Co. Birmingham, Ala.....	July 18, 1907
AMERICAN CITY. 154 Nassau St., New York, N. Y.....	May 25, 1918
AMERICAN FOUNDRY AND MFG. Co. 10th, 11th, Hebertt and Wright Sts., St. Louis, Mo.....	May 12, 1908
AMERICAN MANGANESE BRONZE Co. Holmesburg, Philadelphia, Pa.....	May 9, 1916
AMERICAN PIPE AND CONSTN. Co. 112 N. Broad St., Philadelphia, Pa.....	May 1, 1909
AMERICAN STEEL AND WIRE Co. Chemical and Color Dept., 208 South LaSalle St., Chicago, Ill.....	June 24, 1903
ARNOLD, HOFFMAN AND Co., INC. 61 Broadway, New York, N. Y.....	Nov. 21, 1913
ART CONCRETE WORKS. Mfrs. Meter Boxes, P. O. Box 417, Pasadena, Cal.....	Dec. 13, 1920
BADGER METER MFG. Co. 841-7 Thirtieth St., Milwaukee, Wis.....	June 8, 1904
BAYARD, M. L. Prest., 20th St. & Indiana Ave., Philadelphia, Pa.....	Mar. 31, 1922
BIRCH PUMP VALVE Co. 1521-1523 Sedgwick St., Chicago, Ill.....	May 11, 1916
BOURBON COPPER AND BRASS WORKS Co. 618 E. Front St., Cincinnati, Ohio.....	Apr. 17, 1884
BOWLER FOUNDRY Co. 1688 Columbus Road, Cleveland, Ohio.....	July 6, 1922
BUCKEYE TRACTION DITCHER Co. D. C. Royce, Sales and Adv. Mgr., Findlay, Ohio.....	May 26, 1920
BUFFALO METER Co. 2917 Main St., Buffalo, N. Y.....	June 27, 1905
BUILDERS IRON FOUNDRY, 9 Coddling St., Providence, R. I...	June 18, 1901
BYERS, A. M., Co. 235 Water St., Pittsburgh, Pa.....	June 15, 1921
CANADIAN ENGINEER. Church and Court Sts., Toronto, Ont., Can.....	May 31, 1916
CENTRAL FOUNDRY Co. Liggett Bldg., 41 E. 42nd St., New York, N. Y.....	June 24, 1903
CHAIN BELT Co. C. D. Sperry, Milwaukee, Wis.....	Apr. 10, 1920
CHAPMAN VALVE MFG. Co. Indian Orchard, Mass.....	Apr. 16, 1884
CHICAGO BRIDGE AND IRON Co. 608 South Dearborn St., Chicago, Ill.....	June 15, 1908
CLARK, H. W., Co. 115 South 17th St., Mattoon, Ill.....	May 12, 1908
CLOW, J. B., AND SONS, Harrison and Franklin Sts., Chicago, Ill.....	Apr. 27, 1885
COCHRANE, H. S. B. W., CORPN. 3146 N. 17th St., Philadelphia, Pa.....	May 2, 1922

COFFIN VALVE Co., Neponset, Mass.....	May 21, 1922
COLDWELL-WILCOX Co. Newburgh, N. Y.....	Apr. 17, 1914
COLORADO FUEL AND IRON Co. Denver, Colo.....	June 7, 1897
COLUMBIAN IRON WORKS. Chattanooga, Tenn.....	Apr. 4, 1910
CONTINENTAL PIPE MFG. Co. 3904 Woolworth Bldg., New York, N. Y.....	May 26, 1921
COOK, A. D., INC. Manufacturer of Deep Well Pumps and Strainers, Lawrenceburg, Ind.....	June 17, 1914
CORFIELD, ALBERT RICHARD. Brnch. Mgr. Concrete Pipe Mfg. Wks., Home Hill, No. Queensland, Australia.....	Mar. 25, 1922
COUBROUGH, ANTHONY CATHCART. Genl. Mgr. for India Mather & Platt, Ltd., Manchester, Eng., Bengal Club, Calcutta, India.....	June 10, 1921
DARLING VALVE AND MAN'FG. Co. Williamsport, Penna....	May 12, 1908
DATTON-DOWD Co. Quincy, Ill.....	July 5, 1922
DE LAVAL STEAM TURBINE Co. H. L. Watson, Sales Mgr., Trenton, N. J.....	Nov. 23, 1917
DIXON, JOSEPH, CRUCIBLE Co. Jersey City, N. J.....	May 8, 1915
DOMINION STEEL PRODUCTS Co., LTD. Brantford, Canada....	June 8, 1921
DONALDSON IRON Co. Emaus, Lehigh Co., Pa.....	Nov. 23, 1917
DRAVO-DOYLE Co. J. D. Berg, Vice-Prest., Diamond Bank Bldg., Pittsburgh, Pa.....	May 12, 1914
DRESSER, S. R., MFG. Co. Mfrg. Pipe Couplings and Sleeves, Bradford, Pa.....	June 7, 1904
DRUMMOND, McCALL AND Co., LTD. Toronto, Ont., Canada.	Mar. 5, 1921
DUPONT DE NEMOURS, E. I., AND Co. P. S. Tilden, Manager Sales, 21 E. 40th St., New York, N. Y.....	May 12, 1908
EAST JERSEY PIPE Co. 7 Dey St., New York, N. Y.....	July 10, 1906
EDDY VALVE Co. Waterford, N. Y.....	June 26, 1886
ELECTRO BLEACHING GAS Co. 18 East 41st St., New York, N. Y.....	Apr. 2, 1913
ENGINEERING NEWS-RECORD. 10th Ave. at 36th St., New York, N. Y.....	May 31, 1918
ENGINEERING AND CONTRACTING. 8 So. Clinton St., Chicago, Ill.....	May 13, 1918
FARNAN BRASS WORKS Co. 1104 Center St., Cleveland, Ohio..	May 18, 1892
FELIX, SAMUEL P. Dist. Mgr. Dravo-Doyle Co., 1532 Commercial Trust Bldg., Philadelphia, Pa.....	June 9, 1920
FIRE AND WATER ENGINEERING. 318 West 39th St., New York, N. Y.....	June 28, 1919
FISHER, GEORGE E. Manager, Canadian Brass Company Ltd. Galt, Ontario.....	Apr. 14, 1922
FLEISCHMAN Co. Peekskill, N. Y.....	June 15, 1922
FORD METER BOX Co. Wabash, Ind.....	May 12, 1908
FOX, JOHN, AND Co. 233 Broadway, New York City, N. Y....	June 8, 1909
GAMON METER Co. Newark, N. J.....	May 19, 1920
GARLOCK PACKING Co. Palmyra, N. Y.....	May 12, 1908
GENERAL CHEMICAL Co. 112 West Adams St., Chicago, Ill....	June 11, 1902
GILLESPIE, T. A. Pres. T. A. Gillespie Co., 7 Dey St., New York, N. Y.....	June 7, 1904
GLAMORGAN PIPE AND FOUNDRY Co. Lynchburg, Va.....	Nov. 6, 1907
GLAUBER BRASS MFG. Co. Platt Ave. and East 79th St., Cleveland, Ohio.....	May 13, 1914
GOULD, NORMAN J. President, The Goulds Mfg. Co., Seneca Falls, N. Y.....	July 10, 1906

GREEN, GODFREY B. Genl. Mgr. General Supply Co. of Canada, Ltd., 356 Sparks St., Ottawa, Canada.....	July 14, 1920
GURLEY, W. AND L. E. 514 Fulton St., Troy, N. Y.....	Apr. 16, 1919
HANKIN, FRANCIS, AND CO., LTD. 201 Coristine Bldg., Mon- treal, Canada.....	June 19, 1920
HAYS MFG. Co. Erie, Pa.....	Mar. 15, 1882
HERSEY MFG. Co. South Boston, Mass.....	July 14, 1887
HOOVER ELECTROCHEMICAL Co. G. F. Reale, 25 Pine St., New York, N. Y.....	July 7, 1920
INTERNATIONAL FILTER Co. 329-337 25th Place, Chicago, Ill...	Nov. 3, 1915
JENKINS BROS., LTD. 103 Remi St., Montreal, Canada.....	May 20, 1920
JOHNSON, EDWARD E., INC. 2304 Long Ave., St. Paul, Minn..	May 17, 1922
JONES, JAMES, Co. W. B. Jones, Secty., 201 Leroy St., Los Angeles, Cal.....	Oct. 20, 1921
KALBFLEISCH CORPORATION. 200 Fifth Ave., New York City, N. Y.....	June 8, 1909
KEELER, EARL A. Research Engr., 4901 Stenton Ave., Phila- delphia, Pa.....	May 17, 1922
KELLOGG, E. H., AND CO. 659-661 Water St., New York, N. Y.	July 14, 1887
KENNEDY VALVE MFG. Co. M. E. Kennedy, Treasr., Elmira, N. Y.....	Mar. 24, 1911
KEystone IRON AND STEEL WORKS. 2951-3641 Santa Fe Ave., Los Angeles, Cal.....	Jan. 20, 1920
LARNER ENGINEERING Co. Colonial Trust Bldg., Phila- delphia, Pa.....	Jan. 17, 1919
LAYNE AND BOWLER Co. Memphis, Tenn.....	June 5, 1916
LEAD LINED IRON PIPE Co. Wakefield, Mass.....	Oct. 5, 1898
LEADITE COMPANY, INC. Land Title Building, Philadelphia, Pa.....	Feb. 10, 1910
LINTHICUM, E. E. Vice Prest., National Cast Iron Pipe Co., Birmingham, Ala.....	May 17, 1916
LOCK JOINT PIPE Co. Box 21, Ampere, N. J.	Oct. 5, 1915
LOCKWOOD, H. S. Sales Agt., Sulfate Dept., American Steel and Wire Co., 30 Church St., New York, N. Y.....	Apr. 16, 1917
LUDLOW VALVE MFG. Co. Troy, N. Y.....	Mar. 5, 1882
LYNCHBURG FOUNDRY Co. Lynchburg, Va.....	June 6, 1916
MCGOWAN, JOHN H., Co. Second and Central Ave., Cincinnati, Ohio.....	May 26, 1913
MAASS, H. C. Efficiency Engineer, 120 Broadway, New York, N. Y.....	Apr. 18, 1922
MACLEAN, HUGH C., PUBLICATIONS, LTD. Pblr. Trade and Tech. Jls., 347 Adelaide St. W., Toronto, Ont., Canada...	June 2, 1920
MATTHEWS, C. D. c/o Camden Iron Works, Camden, N. J....	May 3, 1919
MATHIESON ALKALI WORKS, INC. 25 West 43rd St., New York, N. Y.....	Mar. 16, 1920
MICHIGAN VALVE & FOUNDRY Co. Detroit, Mich.....	June 7, 1919
MILFORD, LESLIE R. Laboratory Mgr., Solvay Process Co., Syracuse, N. Y.....	Jan. 20, 1920
MODERN IRON WORKS. Quincy, Ill.....	June 27, 1905
MUELLER, H., MFG. Co. Decatur, Ill.....	Mar. 15, 1882
MULTIPLEX MFG. Co. Berwick, Pa.....	May 7, 1916
MUNICIPAL AND COUNTY ENGINEERING. S. C. Hadden, Genl. Mgr., 702 Wulsin Bldg., Indianapolis, Ind.....	June 19, 1920

NATIONAL IRON CORPN., LTD. Cherry St., Toronto, Ont.....	Oct. 22, 1921
NATIONAL METER Co. 299 Broadway, New York, N. Y.....	Mar. 15, 1882
NATIONAL TUBE Co. W. L. Schaeffer, 1902 Frick Bldg., Pittsburgh, Pa.....	May 18, 1921
NATIONAL WATER MAIN CLEANING Co. 50 Church St., New York, N. Y.....	July 10, 1906
NELSON, JOS., E., AND SONS. Contractors, 3240 S. Michigan Ave., Chicago, Ill.....	Sept. 7, 1919
NEPTUNE METER Co. 50 East 42nd St., New York, N. Y.....	Aug. 22, 1894
NEPTUNE METER Co., LTD. 1195-7 King St. West, Toronto, Ont., Canada.....	Apr. 2, 1920
NEW YORK CONTINENTAL JEWELL FILTRATION Co. P. O. Box A, Nutley, N. J.....	Apr. 18, 1891
NORTH HUDSON CHEMICAL Co., INC. Tivoli St., Box 528, Albany, N. Y.....	May 17, 1922
NORWOOD ENGINEERING Co. Florence, Mass.....	May 26, 1919
PARSONS, KLAPP, BRINKERHOFF & DOUGLAS. Cons. Engrs., 84 Pine St., New York, N. Y.....	July 26, 1922
PARSONS Co. 11 South LaSalle St., Chicago, Ill.....	June 7, 1921
PAYNE DEAN, LIMITED. Stamford, Conn.....	Mar. 18, 1921
PENNSYLVANIA SALT MFG. Co. Widener Building, Philadelphia, Pa.....	June 24, 1903
PERMUTIT Co. 440 Fourth Ave., New York, N. Y.....	Mar. 11, 1914
PITOMETER Co. 50 Church St., New York, N. Y.....	July 10, 1906
PITTSBURGH FILTER AND ENG. Co., Farmers Bank Bldg., Pittsburgh, Pa.....	June 27, 1905
PITTSBURGH METER Co. East Pittsburgh, Pa.....	June 15, 1898
PITTSBURGH TESTING LABORATORY. P. O. Box 1115, Pittsburgh, Pa.....	May 8, 1915
PITTSBURGH-DESMOINES STEEL Co. Pittsburgh, Pa.....	Apr. 14, 1914
PORTLAND CEMENT ASSOCIATION. 111 W. Washington St., Chicago, Ill.....	Oct. 23, 1917
PRATT AND CADY Co., INC. Lock Box 66, Station A, Hartford, Conn.....	Apr. 6, 1907
PUBLIC WORKS. 243 West 39th St., New York, N. Y.....	May 25, 1918
R. U. V. COMPANY. 7 Burritt Ave., South Norwalk, Conn.....	June 6, 1917
REFINITE Co. Water Softeners, 11th and Harney Sts., Omaha, Neb.....	Jan. 5, 1920
RENSSELAER VALVE Co. Troy, N. Y.....	May 12, 1890
RICHARDSON-PHENIX DIVN., S. F. Bowser & Co., INC. Fort Wayne, Ind.....	June 6, 1919
ROBERTS, CHARLES V. Prest., Roberts Filter Mfg. Co., Darby, Philadelphia, Pa.....	Mar. 23, 1910
ROSS VALVE MFG. Co., INC. Oakwood Ave., Troy, N. Y.....	Apr. 18, 1891
SANITARY Co. OF AMERICA. Linfield, Pa.....	June 3, 1912
SANITATION CORPORATION. 165 Broadway, New York, N. Y.....	Apr. 27, 1915
SAVAGE, W. J., Co. Knoxville, Tenn.....	May 31, 1919
SIMPLEX VALVE AND METER Co. 5722 Race St., Philadelphia, Pa.....	May 14, 1914
SIMS PUMP VALVE Co. 2 Rector St., New York, N. Y.....	Mar. 23, 1922
SMITH A. P., MFG. Co. East Orange, N. J.....	June 7, 1897
SOUTHERN BAUXITE Co. P. O. Box 144, Benton, Ark.....	Aug. 11, 1922
STANDARD ASPHALT AND REFINING Co. 208 La Salle St., Chicago, Ill.....	May 12, 1908
STEWARTS AND LLOYDS. Publications Department, 41 Oswald St., Glasgow, Scotland	Nov. 29, 1917

STILWELL, H. A. Sales Engr., 709 Equitable Bldg., Baltimore, Md.....	Mar. 21, 1922
SULLIVAN MACHINERY Co. 122 S. Michigan Ave., Chicago, Ill.....	Mar. 31, 1915
TAFT, AL. T. 710 Caxton Bldg., Cleveland, O.....	Apr. 27, 1922
TAYLOR, W. P., Co. 218 Ellicott Square, Buffalo, N. Y.....	Mar. 15, 1882
THOMSON METER Co. 100 Bridge St., Brooklyn, N. Y.....	Apr. 15, 1891
UNDERWOOD TYPEWRITER Co. 30 Vesey St., New York, N. Y.	May 3, 1921
UNION WATER METER Co. 33 Hermon St., Worcester, Mass...	Mar. 15, 1882
UNITED BRASS MFG. Co. Cleveland, Ohio.....	May 25, 1914
UNITED CONCRETE PIPE Co. 29 Broadway, New York, N. Y.	June 7, 1921
UNITED LEAD COMPANY. 111 Broadway, New York, N. Y.....	May 12, 1908
UNITED STATES CAST IRON PIPE AND FOUNDRY Co. 1421 Chestnut St., Philadelphia, Pa.....	June 11, 1892
UNITED STATES RUBBER Co. 1790 Broadway, New York, N. Y.....	Apr. 24, 1918
WALLACE AND TIERNAN Co., INC. Box 178, Newark, N. J.....	Apr. 23, 1915
WARREN FOUNDRY AND MACHINE Co. 11 Broadway, New York, N. Y.....	Mar. 4, 1911
WATER WORKS EQUIPMENT Co. Rooms 1950-51, 50 Church St., New York, N. Y.....	July 10, 1906
WHITE, J. G., ENG. CORP. 43 Exchange Place, New York, N. Y.....	Mar. 31, 1921
WOLFF, S. Dist. Mgr. DeLaval Steam Turbine Co., 933 Peoples Gas Bldg., Chicago, Ill.....	Oct. 11, 1915
WOOD, R. D., AND Co. 400 Chestnut St., Philadelphia, Pa....	Apr. 16, 1884
WORTHINGTON PUMP AND MACH'Y CORP. 115 Broadway, New York, N. Y.....	June 18, 1901
WYCKOFF, A., AND SON Co. Elmira, N. Y.....	July 18, 1907

GEOGRAPHICAL DISTRIBUTION

ALABAMA

Active 6; Corporate 1; Associate 2; Total 9

ACTIVE

Birmingham: Sweet, Wilcox.
Fairfield: Decker.
Montgomery: Hazelhurst.
Muscle Shoals: Mickel.
Tuscaloosa: Abbott.

CORPORATE

Mobile: Mobile City Commissioners.

ASSOCIATE

Birmingham: American Cast Iron Pipe Co., E. E. Linthicum National Cast Iron Pipe Co.

ARIZONA

Active 5; Total 5

ACTIVE

Ajo: DuMoulin.
Flagstaff: Giclas.
Phoenix: Claflin.
Prescott: Shaw.
Tucson: Rider.

ARKANSAS

Active 2; Corporate 2; Associate 1; Total 5

ACTIVE

Little Rock: Bair.
Mariana: LeGendre.

CORPORATE

Hot Springs: Hot Springs Water Co.
Pine Bluff: Pine Bluff Co.

ASSOCIATE

Benton: Southern Bauxite Co.

CALIFORNIA

Active 60; Corporate 6; Associate 3; Total 69

ACTIVE

Atascadero: Robinson.
Berkeley: Hyde, Hilscher, Jenks, Klaus.
Compton: Shepard.
Fairfield: Goosen.
Fresno: Jackson, Jensen.
Hanford: Isaac, Johns.
Longbeach: Tallon.
Los Angeles: Cates, Finkle, Goudy, Lawton, Moore, Slater.
Marysville: Belcher.
Monrovia: Given.
Oakland: Gillespie, Gilman, Hawley, Magerstadt, Reinhardt, Wilhelm.
Orland: Wright.
Pacific Grove: Olmstead.
Pasadena: Allin, Morris.
Sacramento: Nickerson.
San Francisco: Abbott, Andrews, Barry, Clemens, Elliott, Ellis, Flaa, Graff, Hommon, Hunter, Lee, Mars, Mellersh, Miller, Mohrhardt, O'Shaughnessy, Pracy, Sharon, Shibley (E. H.), Shibley (K.).
San Jose: Billwiller, Worthen.
San Pedro: Fischer.
San Rafael: Burt.
Santa Barbara: Trace.
South San Francisco: Young.
Stockton: Hall.
Vacaville: Eldredge.
Whittier: Underwood.

CORPORATE

Glendale: Public Service Dept.
Los Angeles: Bureau of Water Works and Supply, Conservative Water Co.
Oakland: East Bay Water Co.
San Francisco: Benicia Water Co.
San Jose: San Jose Water Co.

ASSOCIATE

Los Angeles: Keystone Iron and Steel Works, James Jones Co.
Pasadena: Art Concrete Works.

COLORADO

Active 12; Associate 1; Total 13

ACTIVE

Brush: Leerskov.
Colorado Springs: Bierbauer, Mc-Reynolds.
Denver: Bartholomees, Lowther, Rathburn, Robinson, Vail.
Leadville: West.
Pueblo: Heaton, Porter, Stone.

ASSOCIATE

Denver: Colorado Fuel and Iron Co.

CONNECTICUT

Active 20; Corporate 2; Associate 4; Total 26

ACTIVE

Ansonia: Davis.
Bridgeport: Read, Senior.
Danbury: Raymond.
Fairfield: Cowles.
Greenwich: Willson.
Hartford: Berry, Gadd, Newlands, Peck, Saville.
New Haven: Bransfield, Glynne, Hill, Minor, Winslow.
New London: Barlow.
Southington: McKenzie.
Thompsonville: Schwabe.
Torrington: Travis.

CORPORATE

Derby: Birmingham Water Co.
Middletown: Middletown Water Works.

ASSOCIATE

Hartford: Pratt and Cady Co., Inc.
South Norwalk: R. U. V. Co.
Stamford: Payne Dean, Limited.
Waterbury: American Brass Co.

DELAWARE

Active 2; Corporate 2; Total 4

ACTIVE

Wilmington: Feeney, Van Trump.

CORPORATE

New Castle: Board of Water and Light Com.
Wilmington: Industrial Service Corp. of Va.

DISTRICT OF COLUMBIA

Active 12; Total 12

ACTIVE

Washington: Butler, Clark, Everette, Gaub, Hardy, Holmes, Howell, Kay, Lauter, Mendelsohn, Mohler, Stevens.

FLORIDA

Active 14; Corporate 1; Total 15

ACTIVE

Arcadia: Kimmel.
Daytona: Main.
Jacksonville: Ahern, Bailey, Graham, Parker, Simons, Tyler.
Miami: Hyman.
St. Petersburg: Brown.
Tampa: McFarland.
West Palm Beach: Dougherty, Rice.
Winter Haven: Gane.

CORPORATE

Leesburg: Leesburg Municipal Plant.

GEORGIA

Active 11; Total 11

ACTIVE

Atlanta: Clayton, Grimes, Norcross, Rapp, Smith.
Augusta: Hunter, Smith, Wingfield.
Columbus: Smalshaf.
Macon: Kinnett.
Savannah: Hazlehurst.

IDAHO

Active 3; Total 3

ACTIVE

Boise: Markhus.
Idaho Falls: Wilson.
Lewiston: Wagner.

ILLINOIS

Active 97; Corporate 4; Associate 18; Total 119

ACTIVE

Alton: Miller, Parker.
Aurora: Barclay, Willett.
Blue Island: Hammond.
Cairo: Roos.
Champagne: Amsbary, Bushnell.

Chicago: Alvord, Bascom, Bemis, Birdsell, Burdick, Davidson, DeBerard, Doten, Ellis, Enander, Engel, Fager, French, Fritze, Gerber, Goldsmith, Gordon, Greeley, Green, Hancock, Hansen, Jennings, Keeler, Knowles, Lucas, McClenahan, Maury, Maxwell, Merkel, Mohlman, Pearse, Rossiter, Shaw, Shepard, Shields, Skinner, Stein, Tanner, Townsend, Wade, Webster, Wolfe.

Danville: Ely, Symons.

Decatur: Carrick, Warren.

Dixon: Hawley.

East St. Louis: Horner, Wolfe.

Edwardville: Fiesler.

Evanston: Brower, Dames, Wadsworth.

Freeport: Hutchins, Smith.

Fulton: O'Rourke.

Hubbard Woods: Rees.

Joliet: Dooley, Streeter.

LaGrange: Howson.

Lincoln: MacDonald.

Mattoon: Clark, Rue.

Mt. Carmel: Barnard.

Murphysboro: Farrar.

Pana: Stanfield.

Pekin: Lautz.

Peoria: Crozier, Morgan, Ringness.

Quincy: Gelston.

Rock Island: Etzell, Murrin.

Rockford: Wilson.

Shelbyville: Chester.

Springfield: Bennett, Ferguson, Henry, Miller, Reid.

Streator: Huggans.

Taylorville: Dappert.

Urbana: Babbitt, Buswell, Enger, Fleming, Havermeier, Talbot.

Waukegan: Allen.

CORPORATE

Canton: Canton Water Works.

Chicago: Public Service Co.

Moline: Dept. of Public Property.

Winnetka: Village of Winnetka.

ASSOCIATE

Chicago: Addressograph Co., American Steel and Wire Co., Birch Pump Valve Co., Chicago Bridge and Iron Co., J. B. Clow and Sons, Engineering and Contracting, General Chemical Co., International Filter Co., J. E. Nelson and Sons, Parsons Co., Portland Cement Association, Standard Asphalt and Refining Co., Sullivan Machinery Co., S. Wolff, (DeLaval Steam Turbine Co.).

Decatur: H. Mueller Mfg. Co.

Mattoon: H. W. Clark Co.

Quincy: Dayton Dowd Co., Modern Iron Works.

INDIANA

Active 28; Corporate 2; Associate 4;
Total 34

ACTIVE

Anderson: Murchie.

Gary: Luscombe.

Greencastle: Reeves.

Hammond: Blockie.

Indianapolis: Brossman, Calvert, Diggs, Doane, Garman, Hadden, Hurd, Jeup, Jordan (F. C.), Jordan (H. E.), Kirk, Long.

La Porte: Harding.

Richmond: Dill.

South Bend: Ayres, Luther, Toyne.

Terre Haute: Gwinn, Taylor.

Valparaiso: Bradley, Loomis.

Vincennes: Watts.

Wabash: Klare.

Whiting: Bromschwig.

CORPORATE

Evansville: Evansville Water Works,
New Albany: Interstate Public Service Co.

ASSOCIATE

Fort Wayne: Richardson-Phenix
Divn. of S. R. Bowser & Co.

Indianapolis: Municipal and County Engineering.

Lawrenceburg: A. D. Cook, Inc.

Wabash: Ford Meter Box Co.

IOWA

Active 41; Corporate 4; Total 45

ACTIVE

Ames: Levine.

Boone: Ehrhart.

Burlington: Lawlor.

Cedar Rapids: Bates, Blomquist, Holbrook, Mortensen.

Centerville: Alexander, Stewart.

Clinton: Chase.

Council Bluffs: Etnyre, Hart, Jensen, Maloney.

Davenport: Donahue, Henderson.

Des Moines: Cox, Denman, Higgins, Kastberg, Luce, Maffitt, Pederson.

Ft. Dodge: Pray.

Ft. Madison: Kern.

Iowa City: Ball, Bartow, Hinman.

Jefferson: Gray.

Keokuk: Ramer.

Knoxville: Savage.

Muscatine: Molis.
Oskaloosa: Fox.
Ottumwa: Brown.
Sioux City: Carlin, Dalton, Gaynor, Wells.
Waterloo: Hendry, Shoemaker.
Webster City: Currie.

CORPORATE

Creston: Taxpayers Municipal Water Works.
Davenport: Davenport Water Co.
Dubuque: Dubuque City Water Works.
Muscatine: Water Trustees.

KANSAS

Active 7; Total 7

ACTIVE

Atchison: Chisham.
Kansas City: Chapman, Mangun.
Lawrence: Jewell.
Manhattan: Ulrich.
Wellington: Mavity.
Wichita: Phillips.

KENTUCKY

Active 15; Corporate 3; Total 18

ACTIVE

Ashland: Patton.
Bellevue: Hornung.
Camp Knox: Horrigan.
Catlettsburg: Patton.
Covington: Kingsley.
Danville: Woolfolk.
Lebanon: Rains.
Lexington: Cramer.
Louisville: Chambers, Long, Lovejoy, McGonigale, Stover.
Mayfield: Orr.
Winchester: Attersall.

CORPORATE

Hopkinsville: Hopkinsville Water Co.
Louisville: Bureau of Sanitary Engineering, Louisville Water Co.

LOUISIANA

Active 7; Corporate 2; Total 9

ACTIVE

New Iberia: Villermin.
New Orleans: Earl (G. G.), Earl (R.), Eastwood, Fowler.
Shreveport: Amiss, Kahn.

CORPORATE

Baton Rouge: Baton Rouge Water Works Co.
Lake Charles: Lake Charles Railway.

MAINE

Active 13; Corporate 1; Total 14

ACTIVE

Bangor: Brown, Powell.
Biddeford: Burnie.
Kennebunk: Clarke, West.
Orono: Everett.
Portland: Graham, Newhall, Payson, West (G. F.), West (V. F.).
Rockland: McAlary.
Waterville: Thompson.

CORPORATE

Waterville: Trustees Kennebec Water District.

MARYLAND

Active 27; Corporate 1; Associate 1; Total 29

ACTIVE

Baltimore: Adams, Armstrong, Baylis, Blohm, Clemmitt, Freeman, Goldstein, Gregory, Hopkins, Keefer, Kipp, Kirkpatrick, Megraw, Powell, Siems, Strohmeier, Walden, Warren, Whitman, Wolman.
Cumberland: Fowler.
Hagerstown: Heard, Ferguson.
Hyattsville: Devilbiss, Hall, Hechmer, Morse.

CORPORATE

Bel Air: Bel Air Water and Light Co.

ASSOCIATE

Baltimore: Stilwell, H. A.

MASSACHUSETTS

Active 53; Associate 6; Total 59

ACTIVE

Attleboro: Snell.
Boston: Barbour, Barrows, Burnham, Chase, Clark, Fales, Finneran, Fisher, Foss, French, Kilham, Marston, Metcalf, Sherman, Spiller, Taber, Thorndike, Weston, Wheeler.
Brockton: Kingman.

Brookline: Hale.
 Cambridge: Good, Whipple (G. G.),
 Whipple (M. C.).
 Concord: Robinson,
 Dorchester: McInnes.
 Florence: Ryan.
 Framingham: Adams.
 Greenfield: Merrill.
 Holyoke: Gear, Tighe.
 Lawrence: Collins.
 Lowell: Safford, Thomas.
 Lynn: Newsom.
 Medford: Dwyer.
 New Bedford: Chase, Coggeshall,
 Drake, Taylor.
 Newtonville: Burnham.
 Peabody: Emerson.
 Reading: Bancroft.
 South Boston: Tilden.
 Southbridge: Abbott.
 Springfield: Lochridge.
 Waban: Symonds.
 West Roxbury: Gow.
 West Somerville: Lacount.
 Williamstown: Mears.
 Worcester: Batchelder, Hoy.

ASSOCIATE

Florence: Norwood Engineering Co.
 Indian Orchard: Chapman Valve
 Mfg. Co.
 Neponset: Coffin Valve Co.
 South Boston: Hersey Mfg. Co.
 Wakefield: Lead Lined Iron Pipe
 Co.
 Worcester: Union Water Meter Co.

MICHIGAN

Active 51; Corporate 4; Associate 1;
Total 56

ACTIVE

Ann Arbor: Ayres, Hoad, Holland,
 Williams.
 Cadillac: Webb.
 Detroit: Barton, Bragg, Collins,
 Dow, Fenkel, Gerardy, Gould,
 Grobbel, Hubbell, Jones, Leisen,
 McDace, Majeske, Mayo, Ranken,
 Sosnowski, Stephenson, Sward,
 Ternes, Wallace.
 Flint: Baldwin, Buzzell.
 Grand Rapids: Boyle, Sperry.
 Gross Ile: Mitchell.
 Highland Park: Hatfield, Patterson,
 Whitsit.
 Holland: Champion.
 Iron Mountain: Croll.
 Jackson: England.

Kalamazoo: Reed.
 Lansing: Bulkeley, Sheldon.
 Luddington: Williams.
 Marquette: Johnston.
 Monroe: Brisbin.
 Mt. Clemens: Keils.
 Pontiac: Clark, Lenhardt, Monroe,
 Port Huron: Moore.
 Saginaw: Eymer.
 St. Joseph: Bunks.
 Wyandotte: Clark, Hatch.

CORPORATE

Ann Arbor: Water Works Commis-
 sion.
 Grand Rapids: Dept. of Public Ser-
 vice.
 Lansing: Michigan State Board of
 Health.
 Saginaw: Saginaw Water Dept.

ASSOCIATE

Detroit: Michigan Valve & Foundry
Co.

MINNESOTA

Active 47; Corporate 1; Associate 1;
Total 49

ACTIVE

Austin: Todd.
 Babbitt: Mitten.
 Chisholm: Sullivan.
 Crookston: Peterson.
 Duluth: Foster, Reed, Wilson.
 Ely: Rubey.
 Eveleth: Forristel.
 Fairmont: Horne.
 Gilbert: Connor.
 Hibbing: Forsberg.
 Lake City: Howe.
 Minneapolis: Bass, Brownell, Buck,
 Calkins, Conaty, Crounse, Janzig,
 Jensen, Johnson, Lykken, McCol-
 loh, Mellen, Newell, Raab, Sand-
 quist, Seabrooke, Whittaker,
 Young.
 Rochester: Holmes.
 St. Cloud: Borrowman, Siebert,
 St. Paul: Childs, Clancy, Claussen,
 Crowley, Druar, Feist, Kelsey, Mc-
 Donald, Routh, Shepard, Wenzell.
 Virginia: Harding.
 Winona: Chadwick.

CORPORATE

Minneapolis: Committee on Water
Works.

ASSOCIATE

St. Paul: Edward E. Johnson, Inc.

MISSISSIPPI

Active 6; Total 6

ACTIVE

Canton: Sharp.
Hattiesburg: Jones.
Magnolia: Mentz.
Vicksburg: Steele, Worrell.
Winona: Johnson.

MISSOURI

Active 38; Corporate 3; Associate 1;
Honorary 1; Total 43

ACTIVE

Clinton: Freiling.
Independence: Gallagher.
Jefferson City: Landmann, Putman.
Kansas City: Archer, Benham, Black,
Burns, Foreman, Gilkison, Has-
kins, Jones, Learned, McClintock,
McDonnell, Mullergren Nighswon-
ger, Veatch, Wesley.
Sedalia: Andrews.
Springfield: Pate.
St. Louis: Allison, Bardwell, Black,
Chivvis, Cutts, Daily, Day, Flad,
Fuller, Graf, Henby, Jutz, Mon-
fort, Richardson, Toensfeldt, Wall,
Wilcox.

CORPORATE

Excelsior Springs: Excelsior Springs
Water, Gas and Electric Co.
Kansas City: Water Commission.
St. Louis: Southern Illinois Lt. and
Ry. Co.

ASSOCIATE

St. Louis: American Foundry and
Mfg. Co.

HONORARY

St. Louis: Holman.

MONTANA

Active 8; Corporate 1; Total 9

ACTIVE

Billings: Murray, Willett.
Bozeman: Cobleigh.
Butte: Carroll.
Kelispell: Lawrence.
Miles City: Pruett.
Missoula: Christensen.
Roundup: Quinnell.

CORPORATE

Anaconda: Water Works Dept.

NEBRASKA

Active 12; Corporate 2; Associate 1;
Total 15

ACTIVE

Florence: Mueller.
Lincoln: Evinger, Letton, Tracy.
Omaha: Barr, Bruce, Knouse, Lar-
mon, Perkins, Prince.
Plattsmouth: Minor.
Superior: Jensen.

CORPORATE

Lincoln: Lincoln City Water and
Light Dept.
Omaha: Metropolitan Water Dis-
trict.

ASSOCIATE

Omaha: The Refinite Co.

NEVADA

Active 1; Corporate 1; Total

ACTIVE

Reno: Campbell.

CORPORATE

Reno: Truckee General Electric Co.

NEW HAMPSHIRE

Active 4; Corporate 1; Total 5

ACTIVE

Concord: Howard, Storrs.
Hanover: Holden.
Manchester: Mendell.

CORPORATE

Nashua: Pennichuck Water Works.

NEW JERSEY

Active 87; Corporate 7; Associate 8;
Total 102

ACTIVE

Atlantic City: Van Gilder.
Belleville: Pratt.
Boonton: Breitzke.
Bound Brook: Downes, Smith.
Bridgeton: Fredrick.
Burlington: Buzby, Conard.
Camden: Fithian, Jones, Long.

Clifton: Scacciaferro.
 Collingswood: Borden.
 East Orange: Donnelly, Halpin, Roper, Snyder.
 Elizabeth: Booth, Radcliffe, Townley.
 Glen Ridge: Brooks.
 Harrison: Matte.
 Hoboken: Anderson.
 Jamesburg: Foersterling.
 Jersey City: Corbin, Fisher.
 Little Falls: Coleman, Green.
 Maplewood: Wigley.
 Merchantville: Rudderow.
 Middlebush: Mallalieu.
 Montclair: Knox.
 Moorestown: Bishop.
 Mt. Holly: Shreve.
 New Brunswick: Atkinson, Jones, Morris.
 Newark: Baldwin, Braunworth, Foulks, Goebel, Judson, Kappler Mowry, Orchard, Rosentreter, Sanzenbacher, Scherer, Scholz, Sherrerd, Thorsen, Woolley.
 Nutley: Solleder.
 Oak Ridge: Bank.
 Orange: Luthy.
 Passaic: Hopper.
 Paterson: Cook, Cuddeback, Edwards, Harder, King, Ryle, Towle.
 Perth Amboy: Landback, Mason.
 Phillipsburg: Corr.
 Plainfield: Gavett.
 Pleasantville: Herr, Trumbore.
 Princeton: Eldridge.
 Ridgewood: Carr, Phelps.
 Riverton: Buck, Showell.
 Roselle Park: Crane, Powers.
 South Orange: Nolan.
 Spring Lake: Besselievre.
 Summit: Bassett, Kimball.
 Upper Montclair: Goodell.
 Weehawken: French, Miller, Parker, Talbot.
 West Orange: Glannan.
 Woodbridge: Mundy.

CORPORATE

Camden: Stockton Water Co.
 Dover: Dover Water Commissioners.
 East Orange: East Orange Board of Water Commissioners.
 Millville: Millville Water Co.
 Trenton: N. J. Dept. Conservation & Development, Trenton Water Works.
 Totowa: Borough of Totowa.

ASSOCIATE

Ampere: Lock Joint Pipe Co.
 Camden: Mathews (C. D.).
 East Orange: A. P. Smith Mfg. Co.
 Jersey City: Joseph Dixon Crucible Co.
 Newark: Gamon Meter Co., Wallace and Tiernan Co., Inc.
 Nutley: N. Y. Continental Jewell Filtration Co.
 Trenton: DeLaval Steam Turbine Co.

NEW MEXICO

Active 1; Corporate 2; Total 3

ACTIVE

Cimarron: Alpers.

CORPORATE

Deming: United Land and Water Co.
 East Las Vegas: Aqua Pura Co.

NEW YORK

Active 232; Corporate 19; Associate 53; Total 304

ACTIVE

Albany: Horton, O'Malley, Schwartz, Suter, Wachter, Wells, Wheeler, Willcomb.
 Amsterdam: Dwyer.
 Avon: Clark.
 Brockport: Ross.
 Brooklyn: Aeryns, Armstrong, Cunningham, Flannery, Hale, Hendrick, Lott, Metcalf, Vertefeuille.
 Buffalo: Andrews, Bassett (C. K.), Bassett (G. B.), Boyle, Chambers, Grotz, Huy, Parsons, Schrieber, Spire, Wagner.
 Cambridge: Norton.
 Canandaigua: Douglas.
 Cedarhurst: Lord.
 Corning: Drake.
 Cortland: Maxon.
 Douglaston: Brooks.
 Dunkirk: Peck.
 East Rochester: Babcock.
 Elmira: Jones.
 Far Rockaway: Bettles, Durland, Stearns.
 Gloversville: Orr.
 Greenwich: Greenalch.
 Herkimer: Clark.
 Hornell: Robinson.
 Hudson Falls: Reid.
 Ithaca: Chamot, Georgia, Seery.

Jamestown: Hapgood, Swanson.
Johnson City: Allen.
Katonah: Coffin.
Little Falls: Feeter.
Longbeach: Carstein.
Long Island City: Bleistein, Keogh.
Lynbrook: Donaldson.
Lyons: Zimmerlin.
Mamaroneck: Duffy, MacNamee.
Manhasset: Hoag.
Medina: Howell.
Merrick: Spear.
Mt. Kisco: Sawin.
Mt. Vernon: Havill, Wolbert.
New Rochelle: Applebaum, Hoffmaster, Kemble, Reynolds.
New York: Adams, Bachman, Baker, Baldwin, Barnes, Barns, Bartram, Beaubien, Beyer, Biggs, Bird, Blaisdell, Blanchard, Blossom, Bowe, Brush, Bull (C. H.), Bull (I. C.), Bittenheim, Case, Cleverdon, Cole, Coulter, Culyer, Decrow, Dennett, Diven (J. M.), Diven (J. M., Jr.), Dowd, Duggan, Dunham, Dunlap, Escott, Everett, Ferguson, Finlay, Flinn, Folwell, Fuertes, Fuller (G. W.), Fuller (W. E.), Gerhard, Hansen, Harding (J. C.), Harding (J. C., Jr.), Hazen, Hering, Hill, Hoag, Hoagland, Hodgman, Hogan, Jackson, Jacobs, Johnson, Johnstone, Jones, Kapoustine, Kienle, Klein, Klingberg, Kreighsheim, Ledden, McKay, Manahan, Merriman, Meyerherm, Munn, Nelson, Pincus, Pirnie, Potter, Potts, Provost, Purdy, Rodman, Sanborn, Schlavitz, Scott, Smith (J. W.), Smith (M. H.), Stevens, Stewart, Tainter, Thompson, Tribus, Tuttle, Vermeule, Watson, Wells, Wiggin, Williamson, Wyckoff.
Newark: Scarth.
Newburgh: Gilerist, Howes.
Niagara Falls: Dignan, Moyer, Reisweber.
North Tarrytown: Brewton, Helling.
North Tonawanda: Batt.
Norwich: Ames.
Ogdensburg: Lord.
Oneida: White.
Oneonta: Holdredge.
Ossining: Bedell.
Oswego: McCaffrey.
Port Washington: Thompson.
Rensselaer: Clafin.
Rochester: Baker, Bliven (G. H.), Bliven (M. H.), Cripps, Fisher, Hopkins, Little, Matthews, Story, Wells.

Scarsdale: Henshaw.
Schenectady: Devendorf, Lewis.
South Nyack: Kendall.
Southampton: Van Brunt.
Stapleton: Volkhardt.
Syracuse: Apps, Booth, Daw, Hodgkins, Keating, Kelly, Palmer, Starbird, VanGorder.
Troy: Caird, Caldwell, Clifton, Knickerbocker, Mason, Nial, Stark.
Utica: Beck, Hopkins, Reagan.
Valley Stream: Morlan.
Vorheesville: Horton.
Wappingers Falls: Whitehouse.
Waterloo: Kinney.
Watertown: Ackerman, Cullings, Field.
Wellsville: Allen, Rowe.
Woodhaven: Luce.
Yonkers: Blackford, Foley, Trobridge, Wegman.

CORPORATE

Auburn: Auburn Water Department.
Buffalo: Bureau of Water, City of Buffalo, Western N. Y. Water Co.
Corning: Corning Water Works.
Elmhurst: Citizens Water Supply Co.
Elmira: Elmira Water Board.
Glens Falls: Board of Water Commissioners.
Kenwood: Sherill-Kenwood Water Comn.
Manhasset: Manhasset-Lakeville Water Dist.
Maspeth: Urban Water Supply Co.
New York: Amer. Water Works and Electric Co., Inc., Federal Light and Traction Co., Western Reserve Water Co.
Oswego: Department of Water.
Owego: Owego Water Works Co.
Rochester: Sea Breeze and Vicinity Wtr. Comn.
Rome: City of Rome, Dept. of Public Works.
Watertown: Watertown Water Works.
White Plains: White Plains Dept. of Public Works.

ASSOCIATE

Albany: North Hudson Chemical Co., Inc.
Brooklyn: Thomson Meter Co.
Buffalo: Buffalo Meter Co., W. P. Taylor Co.
Elmira: Kennedy Valve Mfg. Co., A. Wyckoff and Son Co.

New York: Alberger Pump Co., Ambursen Construction Co., Inc., American City, Arnold Hoffman & Co., Inc., Central Foundry Co., Continental Pipe Mfg. Co., E. I. duPont de Nemours & Co., East Jersey Pipe Co., Electro Bleaching Gas Co., Engineering News-Record, Fire & Water Engineering, John Fox & Co., T. A. Gillespie Co., Hooker Electrochemical Co., Kalbfleisch Corporation, E. H. Kellogg and Co., H. S. Lockwood, H. C. Maass, Mathieson Alkali Works, Inc., National Meter Co., Natl. Water Main Cleaning Co., Neptune Meter Co., Parker, Klapp, Brinkenhoff & Douglas, Permutit Co., Pitometer Co., Public Works, Sanitation Corporation, Sims Pump Valve Co., Underwood Typewriter Co., United Concrete Pipe Co., United Lead Company, United States Rubber Co., Warren Foundry & Machine Co., Water Works Equipment Co., J. G. White Eng. Corp., Worthington Pump & Machinery Corp.

Newburgh: Coldwell-Wilcox Co.
Palmyra: Garlock Packing Co.
Peekskill: Fleischman Co.
Schenectady: Lee F. Adams (General Electric Co.).
Seneca Falls: Goulds Mfg. Co.
Syracuse: Leslie R. Milford (Solvay Process Co.).
Troy: W. and L. E. Gurley, Ludlow Valve Mfg. Co., Rensselaer Valve Co., Ross Valve Mfg. Co., Inc.
Waterford: Eddy Valve Co.

NORTH CAROLINA

Active 36; Total 36

ACTIVE

Benson: Root.
Chapel Hill: Saville.
Charlotte: Booker, Maddock, Myers, Vest.
Concord: Fisher.
Durham: Davis, Michie, Piatt, Simonds, White.
Eagle Springs: Maurice.
Gastonia: Alexander, Phym.
Goldsboro: Grantham.
Greensboro: Boyle.
Hickory: Henry
High Point: Dishner.
Kinston: Olsen.

Mt. Airy: Whitlock.
Raleigh: Bain, Bandy, Brockwell, Catlett, Kellogg, Matthews, Miller.
Rocky Mount: Wells.
Salisbury: Craig.
Wilmington: Norcom, Bishop.
Wilson: Allen, Gladding.
Winston-Salem: Justin, Ludlow.

NORTH DAKOTA

Active 4; Honorary 1; Total 5

ACTIVE

Bismarck: Atkinson.
Devils Lake: Hall.
Fargo: Jacobson.
Grafton: Smith.

HONORARY

Bismarck: Caulfield.

OHIO

Active 78; Corporate 7; Associate 8;
 Total 93

ACTIVE

California: Bahlman.
Cambridge: Rollins.
Canton: McClaskey, Ohliger.
Cincinnati: Boeh, Hill, Miller, Tarbett.
Cleveland: Beardsley, Christman, Cowley, Dixon, Ellms, Farrell, Flower, Frazier, Gascoigne, Hamlin, Heffelfinger, Lawrence, Levy, Makepeace, Marshall, Martin, Maxted, Morrow, Perkins, Quayle, Roberts, Ruggles, Schulz, Sheal, Siedle.
Columbus: Bradbury, Burgess,² Dittoe, Eno, Groeniger, Hoover, Lawrence, McAlpine, Martin, Roberts, Stewart, Waring.
Dayton: Wight.
Defiance: Campion.
Delaware: Wiles.
Dennison: Romig.
Elyria: Beck, Tarr.
Euclid: Mizner,
Johnstown: Scovell.
Kent: Gettrust.
Lakewood: Peltz.
Lima: Osgood, Smith.
Lorain: Brown.
Massillon: Inman.
Medina: Fretter.
Newark: Kussmaul.
Port Clinton: Hall.

Shelby: Bricker.
Steubenville: Scott.
Tiffin: Wetter.
Toledo: Brown, Champe, Clark,
 Furman, Giesey, Jones, Rhynus,
 Schoomaker, Sherman.
Warren: Inman, O'Connor.
Youngstown: Van Arnum, Wilson.

CORPORATE

Akron: Akron City Water Works.
Lorain: Lorain Water Works.
Marion: Marion Water Co.
Massillon: Massillon Water Supply
 Co.
Sandusky: City of Sandusky.
Youngstown: Mahoning Valley Water
 Co., Youngstown City Wtr. Dept.

ASSOCIATE

Cincinnati: Bourbon Copper and
 Brass Works Co., John H. Mc-
 Gowan Co.
Cleveland: Bowler Foundry Co., Far-
 nan Brass Works Co., Glauber
 Brass Mfg. Co., Al. T. Taft,
 United Brass Mfg. Co.
Findlay: Buckeye Traction Ditcher
 Co.

OKLAHOMA

Active 4; Total 4

ACTIVE

Bartlesville: Brua.
Enid: Reinhardt.
Oklahoma City: Holway.
Tulsa: Wardle.

OREGON

Active 6; Corporate 1; Total 7

ACTIVE

Hillsboro: Gates.
Marshfield: Corey.
Portland: Clarke, Koon, Randlett,
 Willard

CORPORATE

Portland: Dept. of Public Utilities.

PENNSYLVANIA

Active 135; Corporate 16; Associate
 26; Total 177

ACTIVE

Altoona: Campbell.
Ambler: Devine.
Aspinwall: Drake.

Berwick: Hicks.
Bethlehem: Fox, Shipman, Watters.
Bristol: Roberts.
Brookville: Sayer.
Bryn Mawr: Ramsey.
Carlisle: Faller.
Catasauqua: Muser.
Chambersburg: McGrath.
Chester: Boynton, Calhoun, Lamey.
Clearfield: Hess, Nevling.
Columbia: Meyers.
Cooperstown: Crawford.
Corry: Brown.
Downington: Wagner.
East Pittsburgh: Holmes.
Easton: Rader.
Erle: Dunwoody, Gensheimer.
Germantown: Corin.
Glenside: Goentner.
Greensburg: Smith, Spencer.
Harrisburg: Avery, Craig, Daniels,
 Emerson, Freeburn, Gannett,
 Glace, Hassler, Knisely, Moses,
 Potteiger, Stevenson.
Hazleton: McGechin.
Jersey Shore: Kinter.
Johnstown: Crichton, Watkins.
Lancaster: Ruth, Will.
Lehigh: West.
Lewistown: Cooper.
McKeesport: Trax.
Meadville: Ellsworth.
Monongahela: Nutt.
Morrisville: Bishop.
Muncy: Thompson.
North East: Leet.
Norwood: Hartley.
Oil City: Walker.
Philadelphia: Bartlett, Bean, Birkin-
 bine, Boardman, Cady, Davis,
 Dunlap, Durst, Ely, Follin, Gushee,
 Haydock, Jenne, Kneen, Ledoux,
 Levering, Lightfoot, McCaleb, Mc-
 Crudden, Manz, Nichols, Russell,
 Saunders, Siddons, Stone, Suttle,
 Thompson, Tolson, Trautwine, Van
 Loan, Walker, Wood (E. R.),
 Wood (W.).
Pittsburgh: Bankson, Baton, Ches-
 ter, Hopkins, Hudson, Hutton,
 Knowles, Lanpher, Leopold, Mel-
 lon, Porzelius, Readshaw, Rice,
 Speller, Taylor.
Pottsville: Pollard.
Reading: Cox, Felix, Nuebling,
 Wells.
Sayre: Wright.
Scranton: Cox, Nebelung, Taylor.
Shamokin: Haupt, McWilliams (C.
 Q.), McWilliams (D. E.).

Shenandoah: Rassier.
 State College: Sackett, Walker.
 Steelton: Litch.
 Sunbury: Rohrbach.
 Swartmore: Alleman.
 Vandegrift: Horn.
 Warren: Mitchell.
 Wayne: Pugh.
 Wilkinsburg: Fox, Hawley.
 Williamsport: Keliher, Krause, Wilhelm.
 Womelsdorf: Filbert.
 York: Graff, Kable.

CORPORATE

Allentown: Allentown Water Department.
 Easton: South Easton Water Co.
 Erie: Commissioners of Water Works.
 Lewistown: Lewistown-Reedsville Water Co.
 Milton: White Deer Mountain Water Co.
 Mount Carmel: Mount Carmel Water Co.
 Mount Pleasant: Mount Pleasant Water Co.
 Reading: Dept. of Parks and Public Property.
 Scranton: Scranton Gas and Water Co.
 Sharon: Sharon Water Works Co.
 Uniontown: Trotter Water Co.
 Verona: Suburban Water Co.
 West Chester: Borough of West Chester.
 West Newton: West Newton Water Co.
 Williamsport: Eagles Mere Water Co., Williamsport Water Co.

ASSOCIATE

Berwick: Multiplex Mfg. Co.
 Bradford: S. R. Dresser Mfg. Co.
 East Pittsburgh: Pittsburgh Meter Co.
 Emaus: Donaldson Iron Co.
 Erie: Hays Mfg. Co.
 Linfield: Sanitary Co. of America
 Philadelphia: American Manganese Bronze Co., The American Pipe & Construction Co., M. L. Bayard, H. S. B. W. Cochrane Corp., Samuel P. Felix (Dravo-Doyle Co.), Earl A. Keeler, Larner Engineering Co., The Leadite Company, Inc., The Pennsylvania Salt Mfg. Co., Charles V. Roberts, (Roberts Filter Mfg. Co.), Simplex

Valve & Meter Co., United States Cast Iron Pipe & Foundry Co., R. D. Wood & Company.
 Pittsburgh: A. M. Byers Co., Dravo-Doyle Co., National Tube Co., Pittsburg Filter and Engineering Co., Pittsburgh Testing Laboratory, Pittsburgh-Des Moines Steel Co.
 Williamsport: Darling Valve and Mfg. Co.

RHODE ISLAND

Active 2; Associate 1; Total 3

ACTIVE

Bristol: Jones.
 Providence: Richardson.

ASSOCIATE

Providence: Builders' Iron Foundry.

SOUTH CAROLINA

Active 4; Corporate 1; Total 5

ACTIVE

Charleston: Gibson.
 Columbia: Filby.
 Greenville: Perry.
 Spartanburg: Simms.

CORPORATE

Charleston: Commissioners of Public works.

SOUTH DAKOTA

Active 3; Total 3

ACTIVE

Aberdeen: Cory.
 Sioux Falls: Connor.
 Waubay: Wieters.

TENNESSEE

Active 10; Corporate 3; Associate 3;
 Total 16

ACTIVE

Chattanooga: Lofton.
 Cleveland: Newton.
 Dyersburg: Blakeman.
 Fountain City: Murphy.
 Greenville: McAmis.
 Jackson: Wilson.
 Knoxville: Switzer.
 Memphis: Stromquist.
 Nashville: Harrub, Reyer.

CORPORATE

Columbia: Columbia Water and Light Co.
 Kingsport: Kingsport Utilities, Inc.
 Memphis: Memphis Artesian Water Dept.

ASSOCIATE

Chattanooga: Columbia Iron Works.
 Knoxville: W. J. Savage Co.
 Memphis: Layne and Bowler Co.

TEXAS

Active 9; Corporate 2; Total 11

ACTIVE

Austin: Norris.
 Beaumont: Bernhagen.
 Dallas: Elrod, O'Neil, Rosenthal.
 Houston: Martin.
 Longview: Roberts.
 Marshall: Myers.
 San Antonio: Harding.

CORPORATE

Temple: Temple Water Works.
 Waco: Waco Water Works.

UTAH

Active 1; Corporate 1; Total 2

ACTIVE

Salt Lake City: Bedell.

CORPORATE

Salt Lake City: Salt Lake City Water Dept.

VERMONT

Active 1; Total 1

ACTIVE

Burlington: Moat.

VIRGINIA

Active 28; Corporate 2; Associate 2;
 Total 32

ACTIVE

Alexandria: Shell.
 Charlottesville: Carter, Williamson.
 City Point: Hallers.
 Covington: Barnett.
 Danville: Claman, Talbott.
 E. Falls Church: Hough.
 Fredericksburg: Houston.
 Lynchburg: Perrow, Wagner.

Newport News: Livezey, Manville, Randolph.
 Norfolk: Bliven, Decker, Hubert.
 Petersburg: Bunting, Cranch.
 Portsmouth: Davis.
 Richmond: Baldwin, Claiborne, Davis, Enslow, Messer, Trafford.
 Roanoke: Watkins.
 South Boston: Smith.

CORPORATE

Alexandria: Alexandria Water Co.
 Roanoke: Vinton-Roanoke Water Co.

ASSOCIATE

Lynchburg: Glamorgan Pipe and Foundry Co., Lynchburg Foundry Co.

WASHINGTON

Active 7; Corporate 1; Total 8

ACTIVE

Chelan: Harper.
 Everett: Klapp.
 Hoquiam: Heermans.
 Seattle: Jacobs.
 Spokane: Harding.
 Tacoma: Roberts.
 Van Couver: Clarke.

CORPORATE

Spokane: Supt. Water Division.

WEST VIRGINIA

Active 13; Corporate 1; Total 14

ACTIVE

Bluefield: McCarthy, Ridley.
 Charleston: Dodd, Ferguson, Tisdale.
 Chester: Young.
 Clarksburg: Bates, Highland.
 Elkins: Kress.
 Morgantown: Warrick.
 Moundsville: Hetzer.
 Princeton: Day.
 Wheeling: Moore.

CORPORATE

Charleston: West Va. Water & Electric Co.

WISCONSIN

Active 25; Corporate 4; Associate 3;
 Total 32

ACTIVE

Beloit: Lyons.
 DeLavan: Peirce.

Eau Claire: Brown.
 Ft. Atkinson: Leonard.
 Green Bay: Gochbauer.
 Janesville: Griffey.
 Kenosha: Brennan.
 Madison: Baker, Mead, Miller, Smith.
 Milwaukee: Benzenberg, Bohmann, Engh, Ferebee, Gruetzmacher, Hatton, Murphy, Sando.
 Racine: McElroy.
 Sheboygan: Donohue.
 Superior: Lounsbury, Winslow.
 Waukeshaw: Hayford.
 West Allis: Prochnow.

CORPORATE

Appleton: Appleton Wtr. Comn.
 Green Bay: Green Bay Water Co.
 Fond du Lac: City Water Dept.
 Sheboygan: Board of Water Commissioners.

ASSOCIATE

Milwaukee: Allis-Chalmers Mfg. Co.,
 Badger Meter Mfg. Co., Chain Belt Co.

WYOMING

Active 3; Total 3

ACTIVE

Cheyenne: Carlisle.
 Lusk: Gray.
 Rock Springs: Bell.

CANADA

Active 94; Corporate 9; Associate 10; Total 113

ACTIVE

Brampton, Ont.: Early.
 Brandon, Man.: Shaw.
 Brantford, Ont.: Frank, Wilson.
 Edmonton, Alta.: Owens, Turner.
 Elmira, Ont.: Bowman.
 Galt, Ont.: Cowan, Fairchild.
 Gimsby, Ont.: Bromley.
 Guelph, Ont.: McArthur.
 Kincardine, Ont.: Foerster.
 Lindsay, Ont.: Hammond.
 London, Ont.: Hodgkinson.
 MacDonald College, P. Q.: Stephen.
 Merritton, Ont.: Clark.
 Montreal P. Q.: Cousineau, Dorrance, Field, Francis, Hale, Hunter, Hutchinson, Lafreniere, Laurie, Lea, Leclerc, Lesage, Leslie, McCrady, McKechnie, Meadows, Perry, Pitcher, Plamondon, Ross, Scofield, Surveyor, Ward.

Niagara Falls: Collins, Ferris, Gardner, Green, Stephens, Warder.
 North Montreal, P. Q.: Drinkwater.
 Orillia, Ont.: Starr.
 Oshawa, Ont.: Goebel.
 Ottawa: Clark, McRae, MacDonald.
 Perth, Ont.: Smith.
 Quebec: Casgrain.
 Regina, Sask.: Farrell.
 St. Catherines, Ont.: Milne.
 St. Stephen, N. B.: Laffin.
 Sarnia, Ont.: Hall.
 Sherbrooke, P. Q.: McKeown.
 Stratford, Ont.: Myers.
 Strathroy, Ont.: Smithrim.
 Temiskaming, P. Q.: Grimmer.
 Toronto, Ont.: Angus, Berry, Chipman, Dallyn, Fellows, Francis, Gaby, Gordon, Gore, Hannan, Harris, Howard, Mitchell Mylrea, Proctor, Randall, Redfern, Rutledge, Rust, Salmond, Sanderson, Storrie, Thompson, Walker, Wynne-Roberts.
 Victoria, B. C.: Blair.
 Walkerville, Ont.: Brown.
 Waterloo, Ont.: Schiedel.
 Windsor, Ont.: Hanna, Code.
 Winnipeg, Man.: Scott, Stainton.
 Woodstock, Ont.: Archibald.

CORPORATE

Brantford, Ont.: Brantford Water Commissioners.
 Grand Mere, P. Q.: Grand Mere Water Board.
 Kitchener: Kitchener Water Comn.
 London: Public Utilities Comn.
 Peterborough, Ont.: Peterborough Utilities Comn.
 Preston, Ont.: Preston Light and Water Co.
 St. Marys, Ont.: Board of Water, Light and Heat Comn.
 St. Thomas, Ont.: St. Thomas Water Commissioners.
 Welland, Ont.: Board of Water Comnrs.

ASSOCIATE

Brantford: Dominion Steel Products Co., Ltd.
 Galt, Ont.: Fisher.
 Montreal: Francis Hankin and Co., Ltd., Jenkins Bros., Ltd.
 Ottawa: General Supply Co..
 Toronto: Canadian Engineer, Drummond, McCall and Co., Ltd., Hugh C. MacLean Publications, National Iron Corporation, Ltd., Neptune Meter Co.

FOREIGN

Active 47; Corporate 2; Associate 3; Honorary 1; Total 53

ACTIVE**ARGENTINA**Bahia Blanca: Anthony.
Buenos Aires: Gunning, Lasso,
Paitovi.**AUSTRALIA**Brisbane: Peart.
Melbourne: Conradi, Longley, Ney-
lon, Ritchie, Sutherland.
Newcastle: Ewing.
Perth: Haywood.**CANAL ZONE**Ancon: Bunker, Nolte.
Cristobal: Dunn.**CENTRAL AMERICA**

San Salvador: Klein.

CHILE

Santiago: Lira.

CHINAShanghai: Pearson.
Tientsin: Tuckey.**CUBA**Camaguey: Pradas.
Havana: Cosculluela, Hobby, Mar-
tinez, Montoulieu.**CZECHOSLOVAKIA**

Brandys Labe: Zehr.

DENMARK

Copenhagen: Jarvis.

ENGLANDBirmingham: Dixon.
Hereford: Race.
London: Cameron, Howland.**FRANCE**

Nancy: Cavallier.

HAWAII

Honolulu: Ellis, Tay, Wall.

HOLLAND

Utrecht: Massink.

JAPANOsaka: Sawai.
Tokyo: Inoue, Nishioeda.**MEXICO**

Tampico: McIntosh.

PHILIPPINE ISLANDSCorregidor Island: Bauereisen.
Manila: Gideon.**SCOTLAND**Aberdeen: Mitchell, Spencer.
Inverness: Grant.**STRAITS SETTLEMENT**

Singapore: Tomlinson.

SWEDEN

Stockholm: von Greyerz.

TURKEY

Constantinople: Woods.

CORPORATE**AUSTRALIA**Sydney: Metropolitan Bd. Water Sup-
ply and Sewage.**SWEDEN**

Malmo: Malmo Byggnadskontor

ASSOCIATE**AUSTRALIA**

No. Queensland: Albert Richard Corfield.

INDIACalcutta: Anthony Cathcart Cou-
brough.**SCOTLAND**

Glasgow: Stewarts and Lloyds.

HONORARY**JAPAN**

Tokyo: Nakajima.

SUMMARY BY STATES

	Active	Corporate	Associate	Honorary	Total
Alabama.....	6	1	2		9
Arizona.....	5				5
Arkansas.....	2	2	1		5
California.....	60	6	3		69
Colorado.....	12		1		13
Connecticut.....	20	2	4		26
Delaware.....	2	2			4
District of Columbia.....	12				12
Florida.....	14	1			15
Georgia.....	11				11
Idaho.....	3				3
Illinois.....	97	4	18		119
Indiana.....	28	2	4		34
Iowa.....	41	4			45
Kansas.....	7				7
Kentucky.....	15	3			18
Louisiana.....	7	2			9
Maine.....	13	1			14
Maryland.....	27	1	1		29
Massachusetts.....	53		6		59
Michigan.....	51	4	1		56
Minnesota.....	47	1	1		49
Mississippi.....	6				6
Missouri.....	38	3	1	1	43
Montana.....	8	1			9
Nebraska.....	12	2	1		15
Nevada.....	1	1			2
New Hampshire.....	4	1			5
New Jersey.....	87	7	8		102
New Mexico.....	1	2			3
New York.....	232	19	53		304
North Carolina.....	36				36
North Dakota.....	4			1	5
Ohio.....	78	7	8		93
Oklahoma.....	4				4
Oregon.....	6	1			7
Pennsylvania.....	135	16	26		177
Rhode Island.....	2		1		3
South Carolina.....	4	1			5
South Dakota.....	3				3
Tennessee.....	10	3	3		16
Texas.....	9	2			11
Utah.....	1	1			2
Vermont.....	1				1
Virginia.....	28	2	2		32
Washington.....	7	1			8
West Virginia.....	13	1			14
Wisconsin.....	25	4	3		32
Wyoming.....	3				3
Canada.....	94	9	10		113
Foreign.....	47	2	3	1	53
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	1432	122	161	3	1718
Last report.....	1334	118	153	3	1608
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Gain since April 1, 1922.....	98	4	8	0	110

